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The light that passes through it:
Three Portraits of Chihuly Glass Art

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Supervisor

Dan Welcher

Donald Grantham

The light that passes through it:
Three Portraits of Chihuly Glass Art

by

Daniel John Caputo, B.M.

Thesis

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Abstract

The light that passes through it: Three Portraits of Chihuly Glass Art

Daniel John Caputo, M.Music

The University of Texas at Austin, 2015

Supervisor: Dan Welcher

The light that passes through it (2015) for orchestra is a three-movement composition inspired by the life and artwork of Pacific Northwest glass artist Dale Chihuly. Each movement aims to express the brilliant and luminous qualities of specific Chihuly glass sculptures through orchestrational color and large-scale musical structure. The first movement, "The Sun," depicts the wildly vibrant and intricately constructed glass sculptures of the same title. The second movement, "Seaforms," captures the rippling patterns in works of Chihuly's Seaforms collection through post-minimal formal processes. The final movement, "Niijima Floats," is inspired by the multiple symbolic meanings behind Chihuly's correspondingly titled series of immense spherical floats.

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Instrumentation:

Piccolo
Flute 1, 2
Oboe 1, 2
Clarinet in B ♭ 1, 2
Bass Clarinet
Bassoon 1, 2

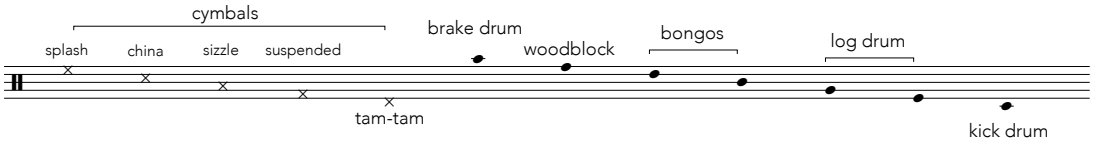
Horn in F 1, 2, 3, 4
Trumpet in C 1, 2, 3
Trombone 1, 2
Bass Trombone
Tuba

Timpani (+Suspended Cymbal)
Percussion 1
Xylophone, Vibraphone, Marimba, Bass Drum
Percussion 2
Cymbals (Splash, China, Sizzle, Suspended), Brake Drum,
Woodblock, Bongos, Log Drum, Kick Drum, Crotales, Tam-tam

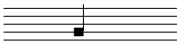
Harp
Piano

Violin I
Violin II
Viola
Cello
Doublebass

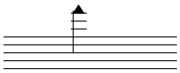
Percussion 2 Key



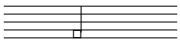
Performance Notes



indefinite pitch



as high as possible



bowed on the bridge, producing a pitchless air sound

s.p. — sul ponticello

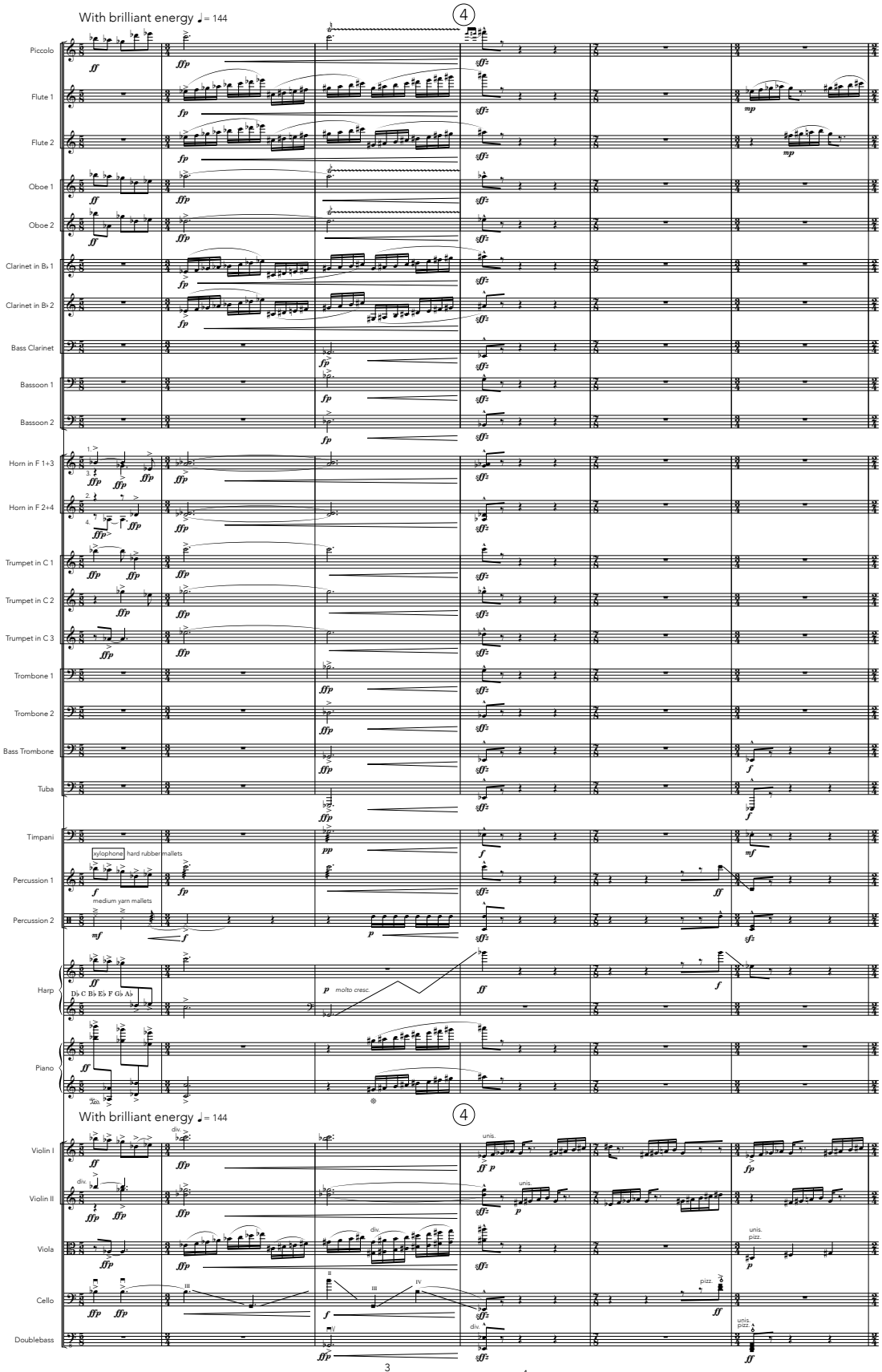
m.s.p. — molto sul ponticello

Score in C

The light that passes through it

I. The Sun

Dan Caputo



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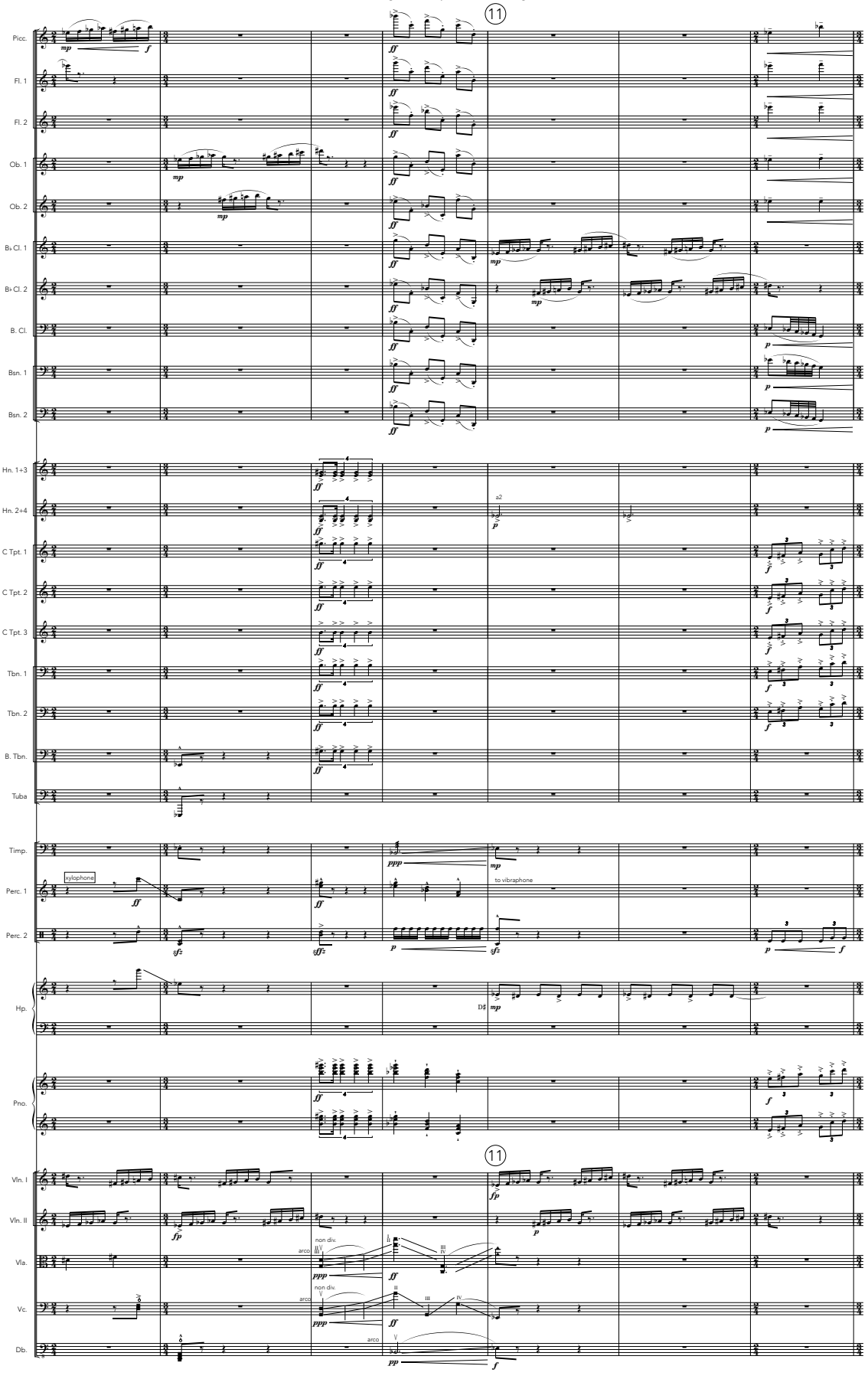
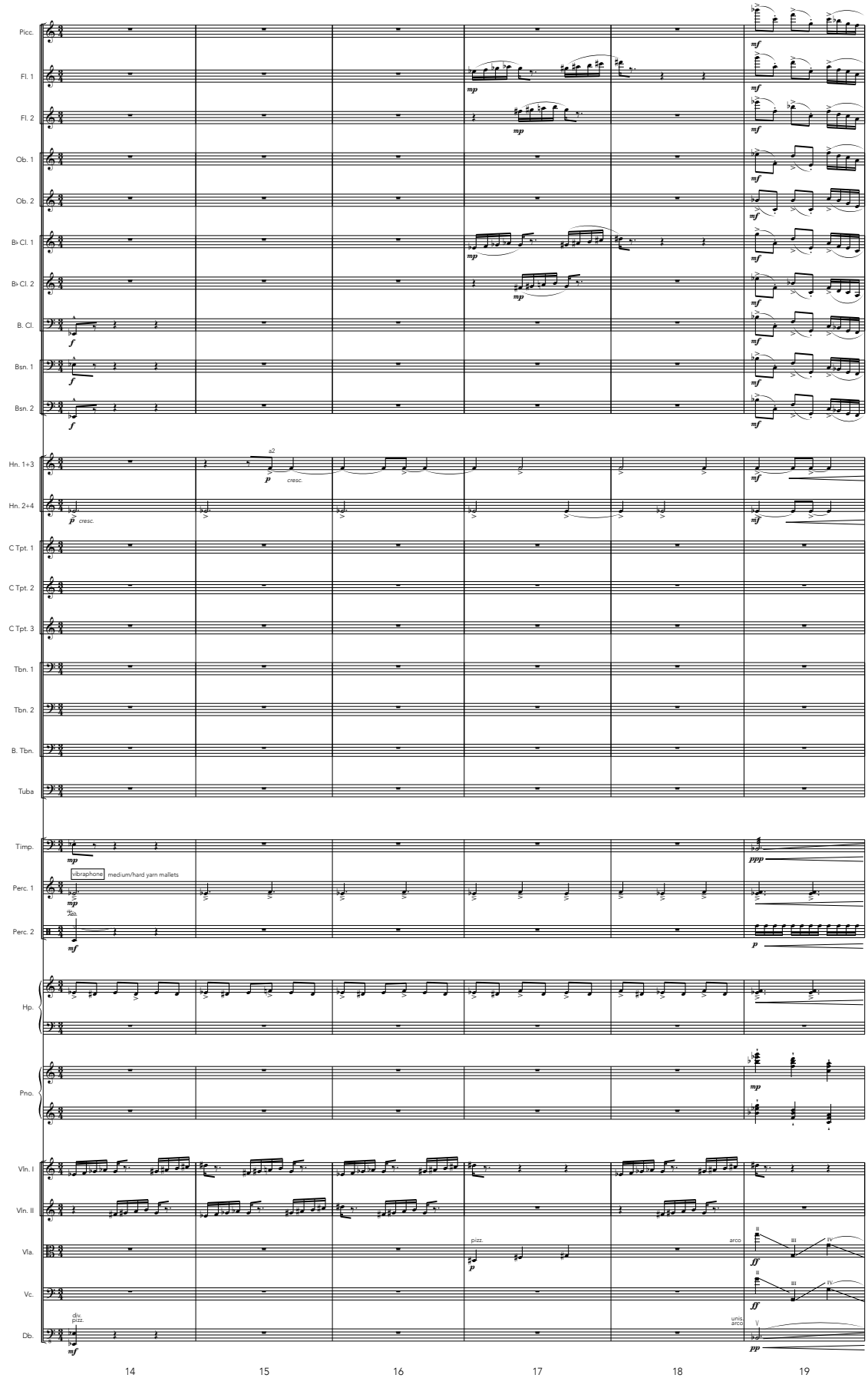
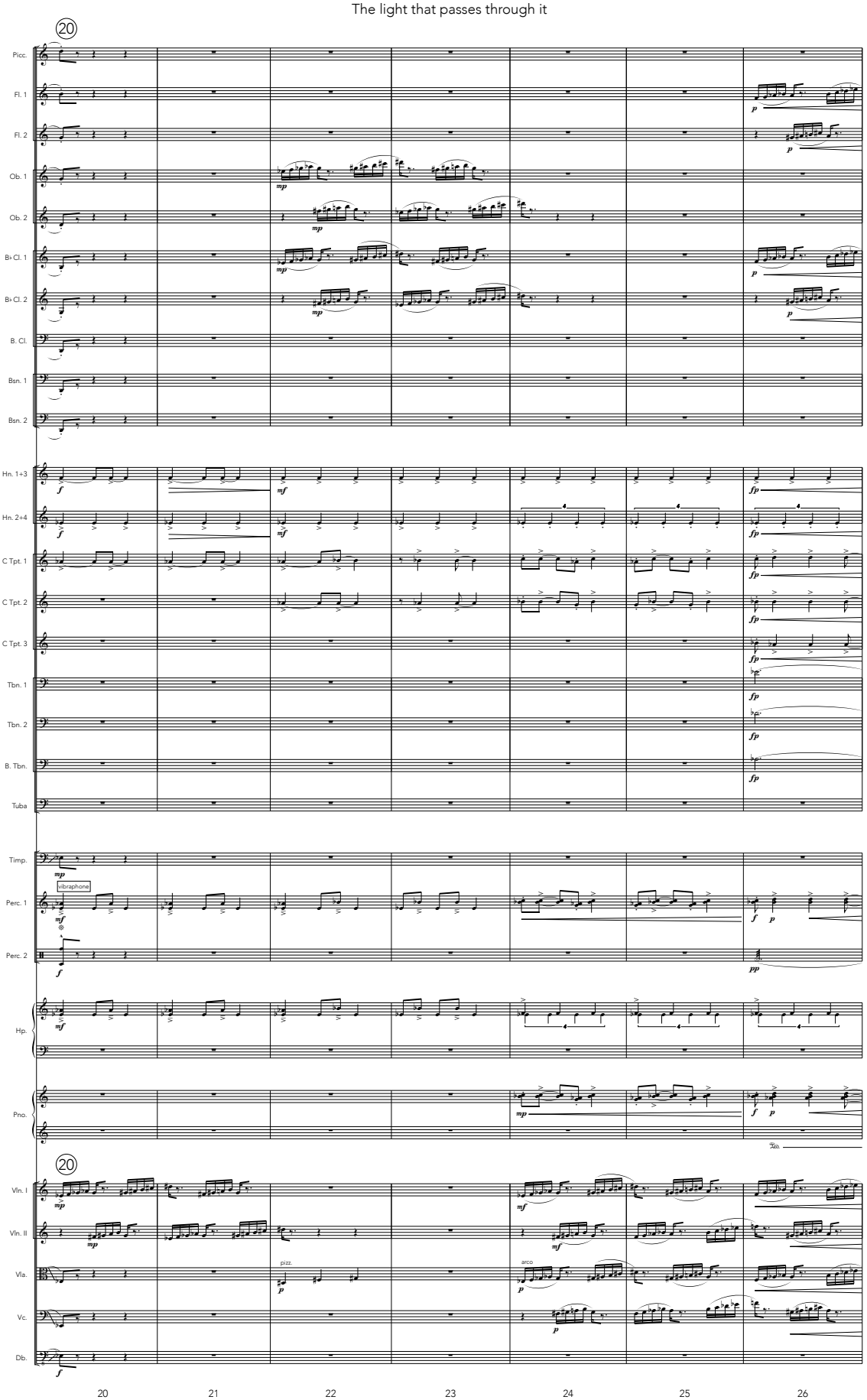
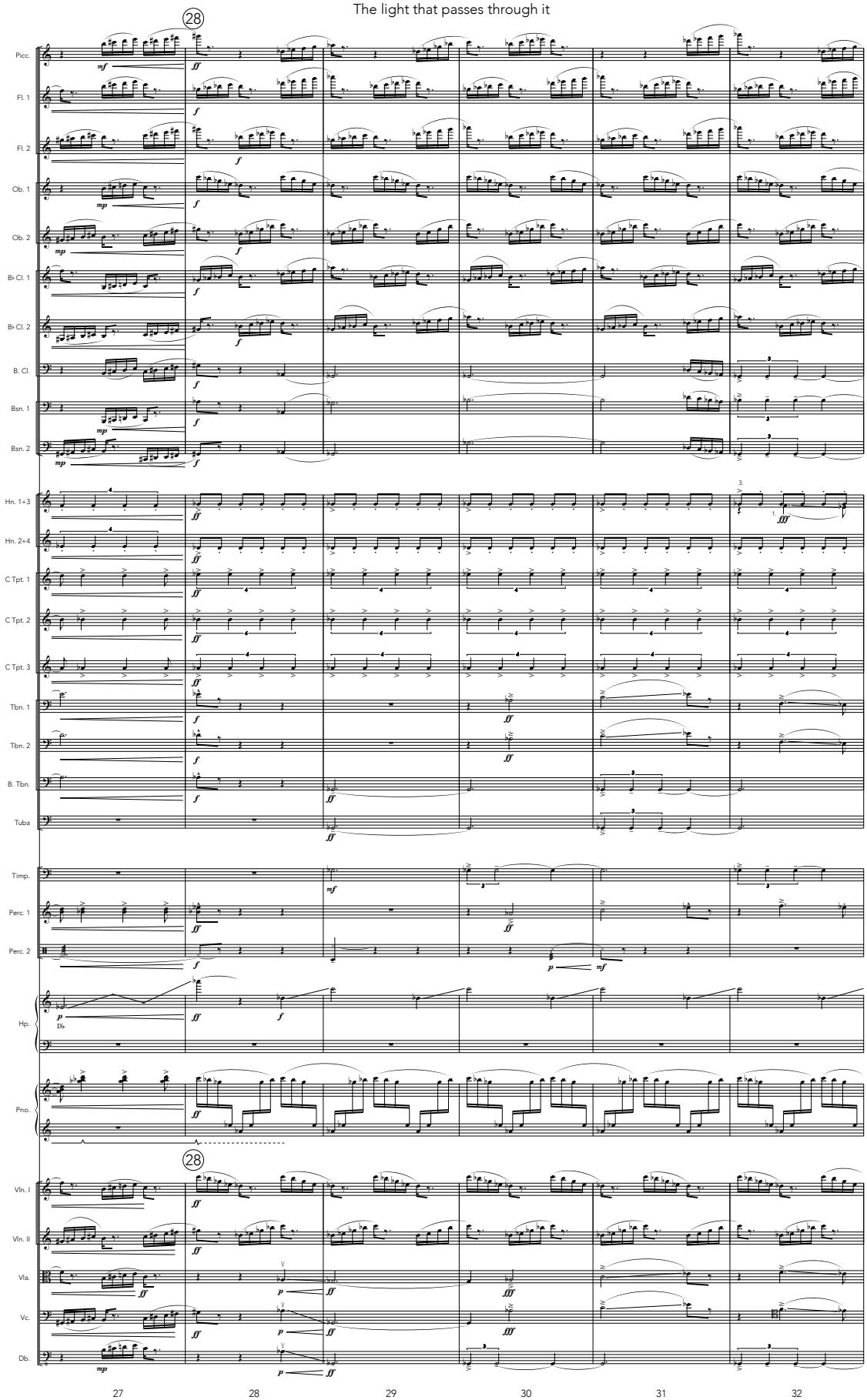
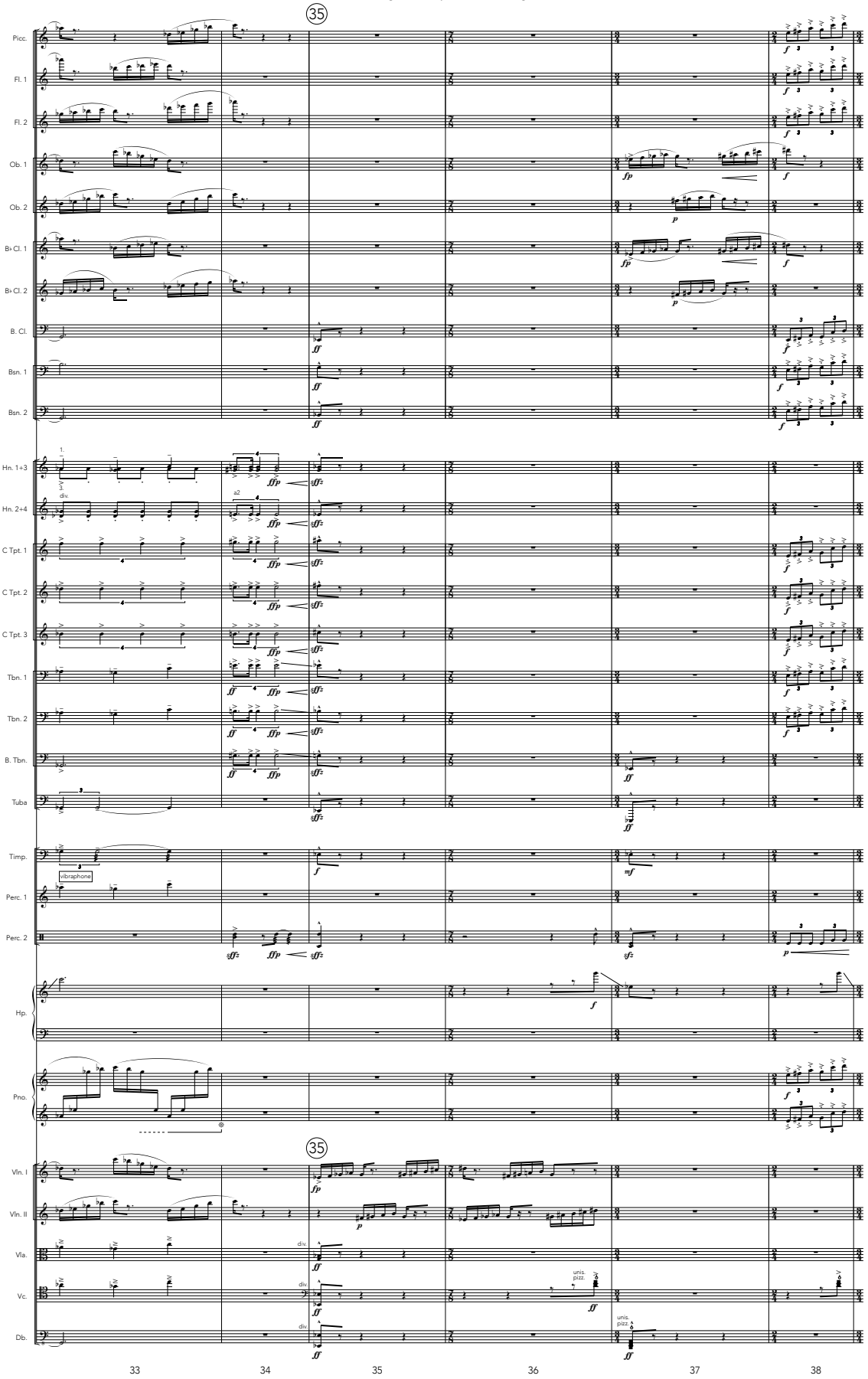
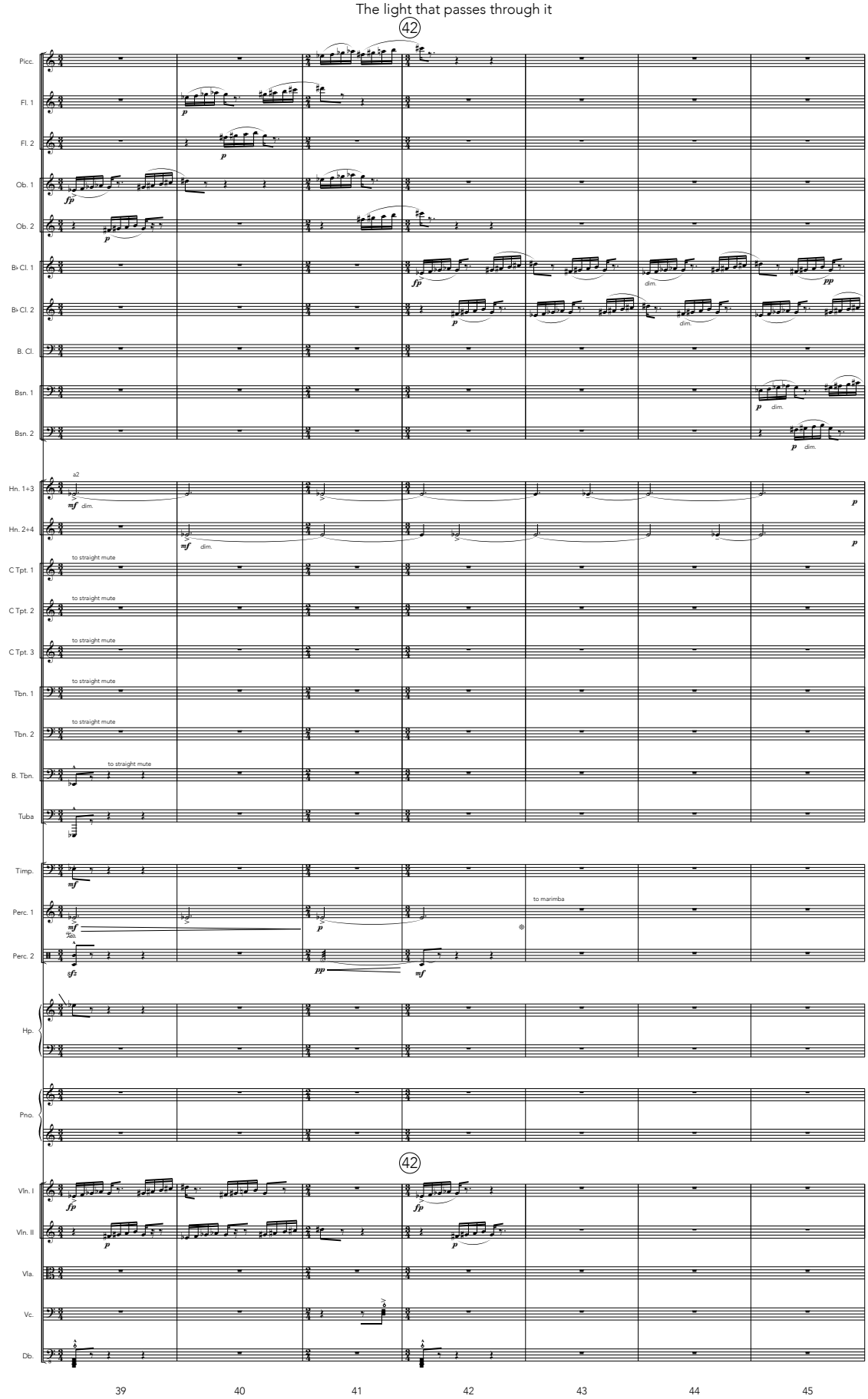

11
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
a2
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
xylophone
to vibraphone
Perc. 2
Hp.
D♯
Pno.
11
Vln. I
Vln. II
Vla.
non div.
arco
Vc.
Db.
7
8
9
10
11
12
13

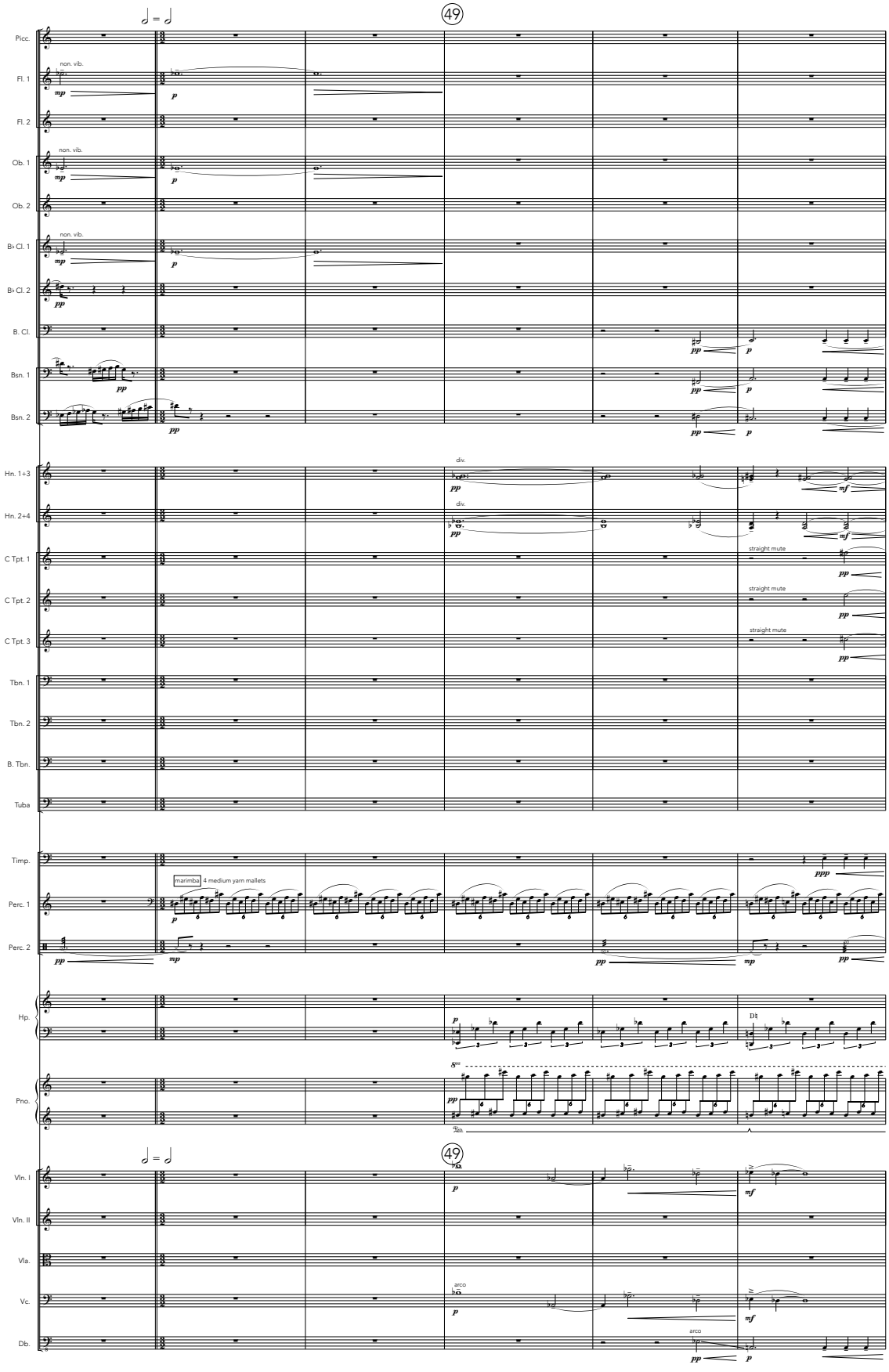

Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
vibraphone
medium/hard yarn mallets
pizz.
arco
div.
pizz.
unis.
arco
14
15
16
17
18
19

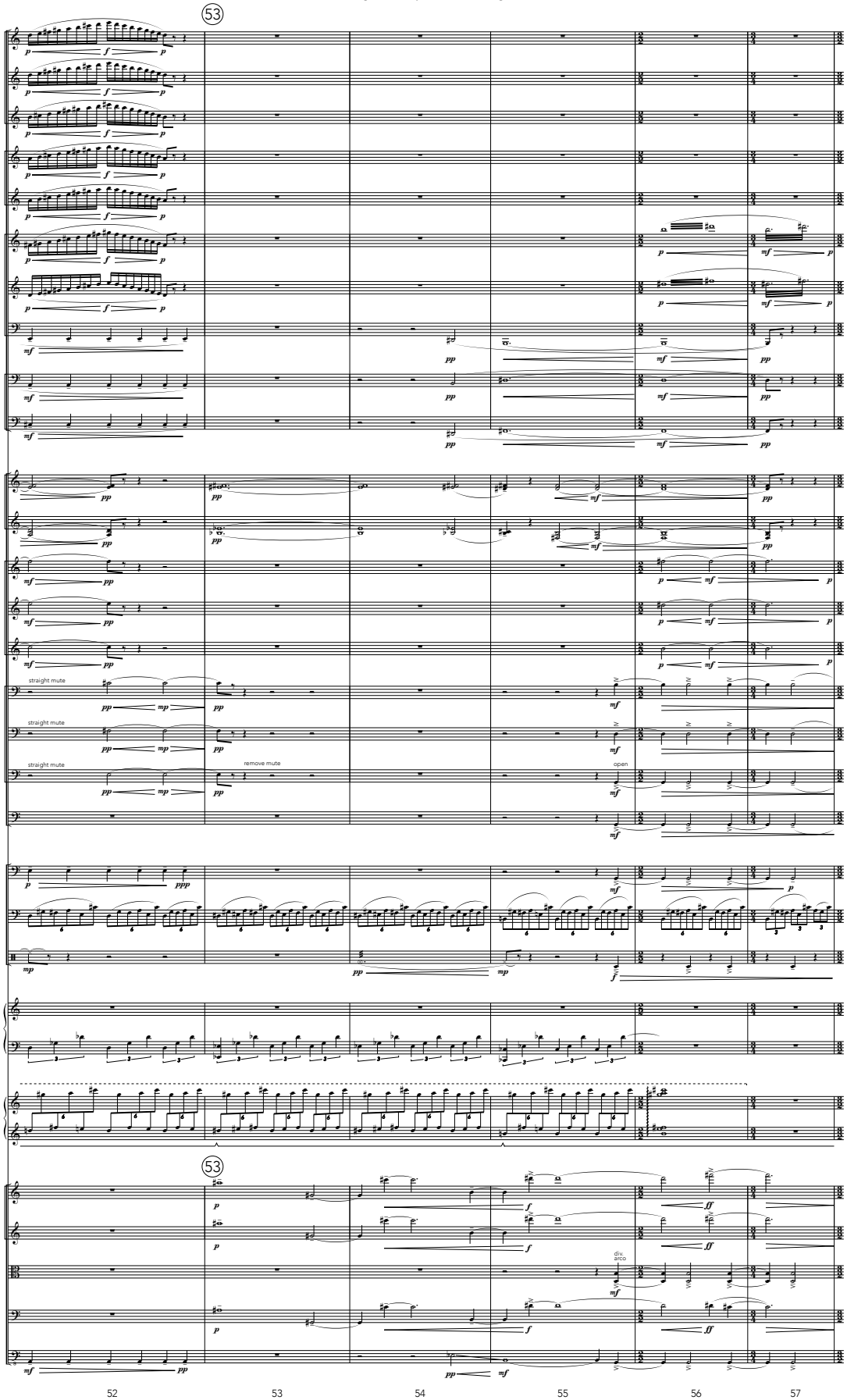

20
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
vibraphone
Hp.
Pno.
20
Vln. I
Vln. II
Vla.
Vc.
Db.
pizz.
arco
20
21
22
23
24
25
26

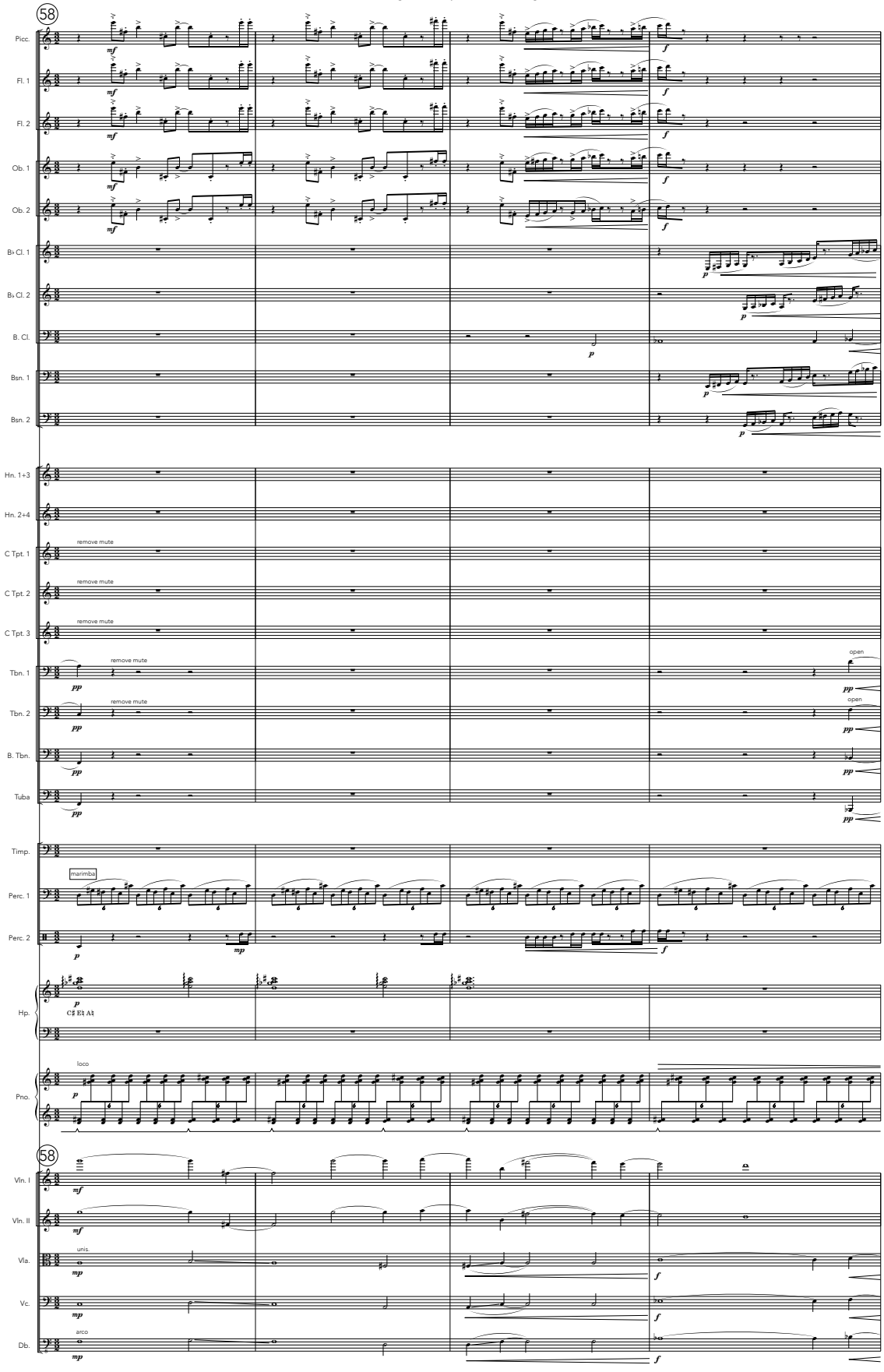

28
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
28
Vln. I
Vln. II
Vla.
Vc.
Db.
27
28
29
30
31
32

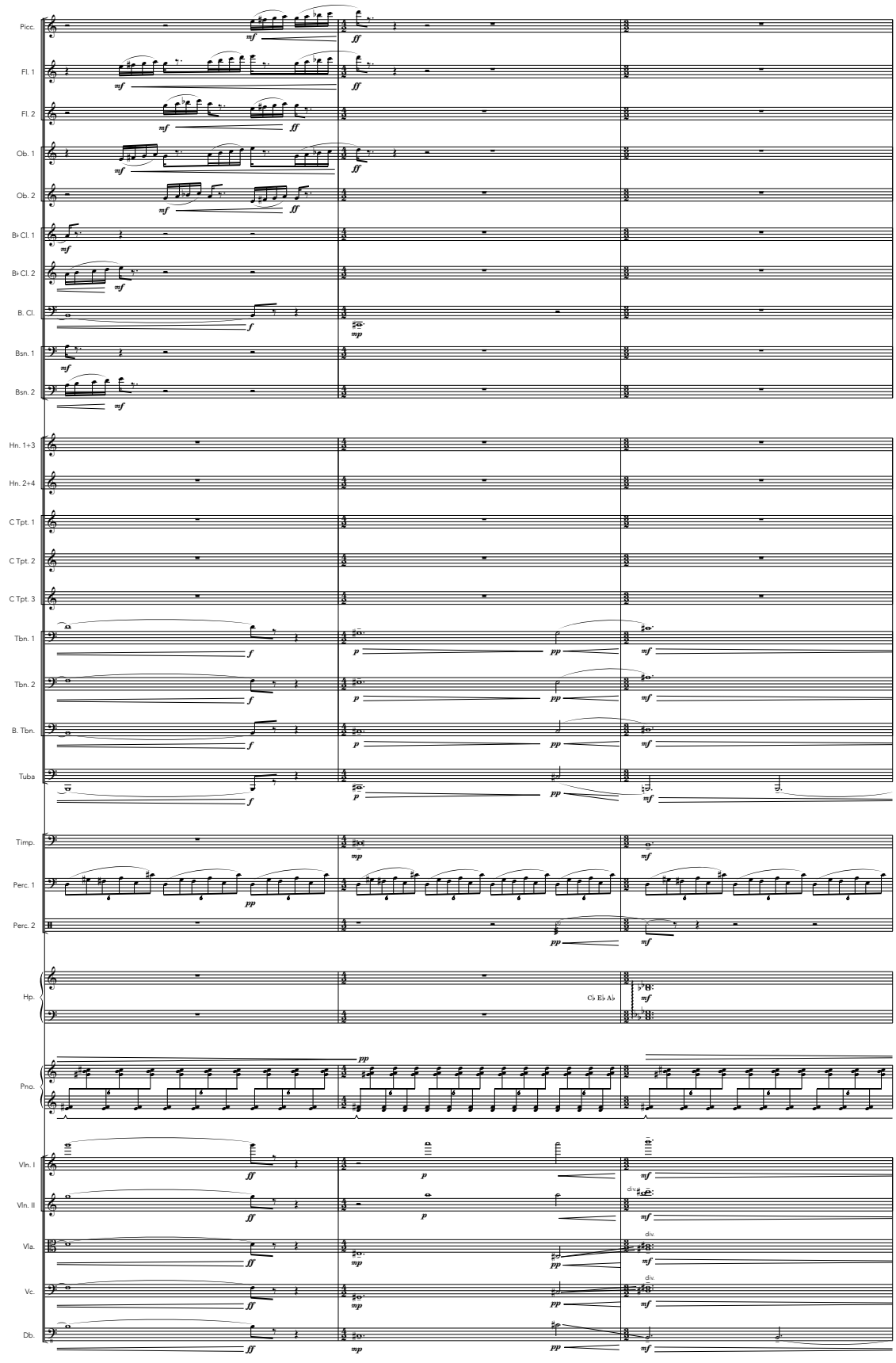

35
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
vibraphone
Hp.
Pno.
35
Vln. I
Vln. II
Vla.
Vc.
Db.
div.
unis.
pizz.
33
34
35
36
37
38

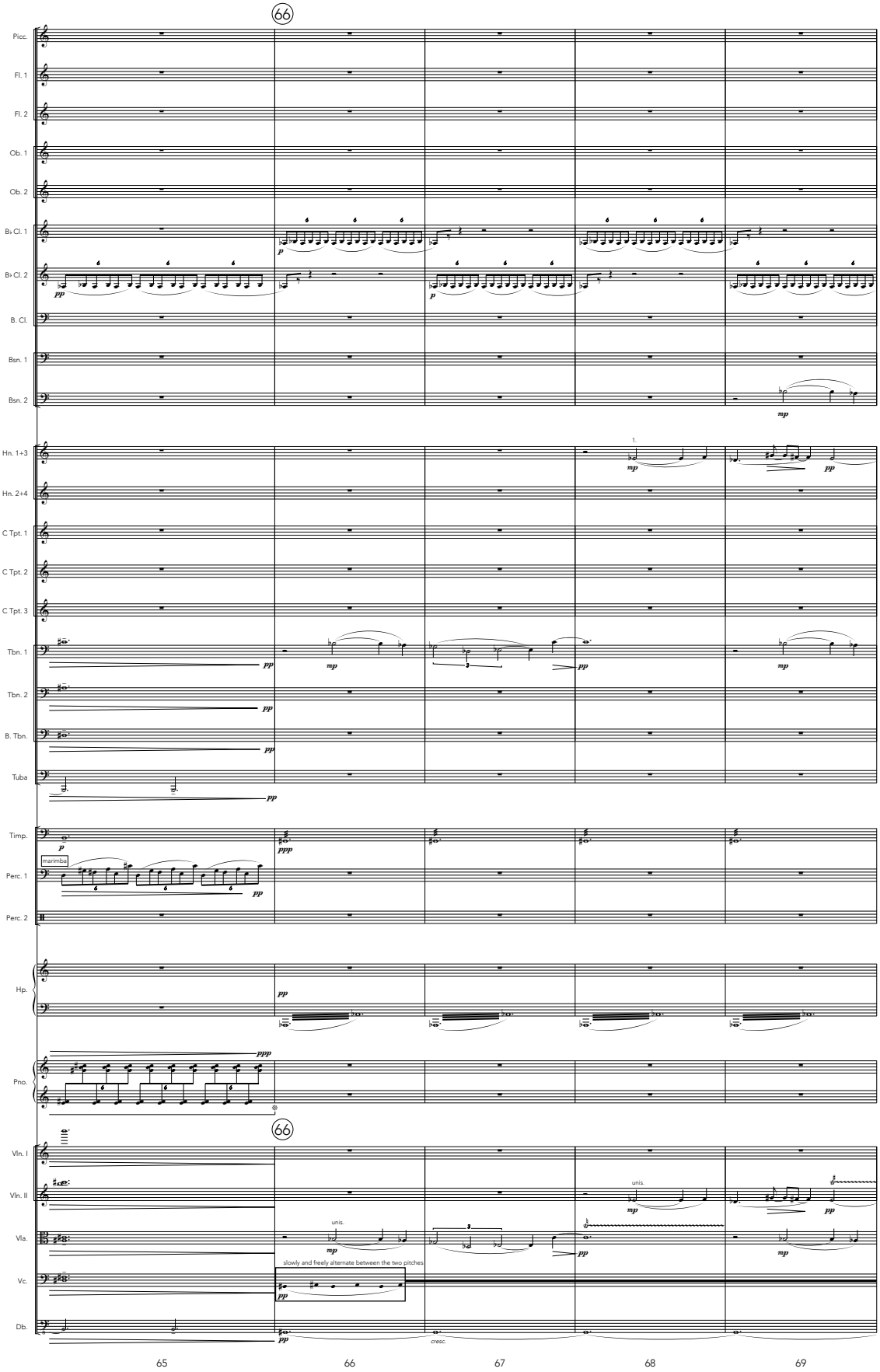

42
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
a2
to straight mute
to marimba
dim.
39
40
41
42
43
44
45

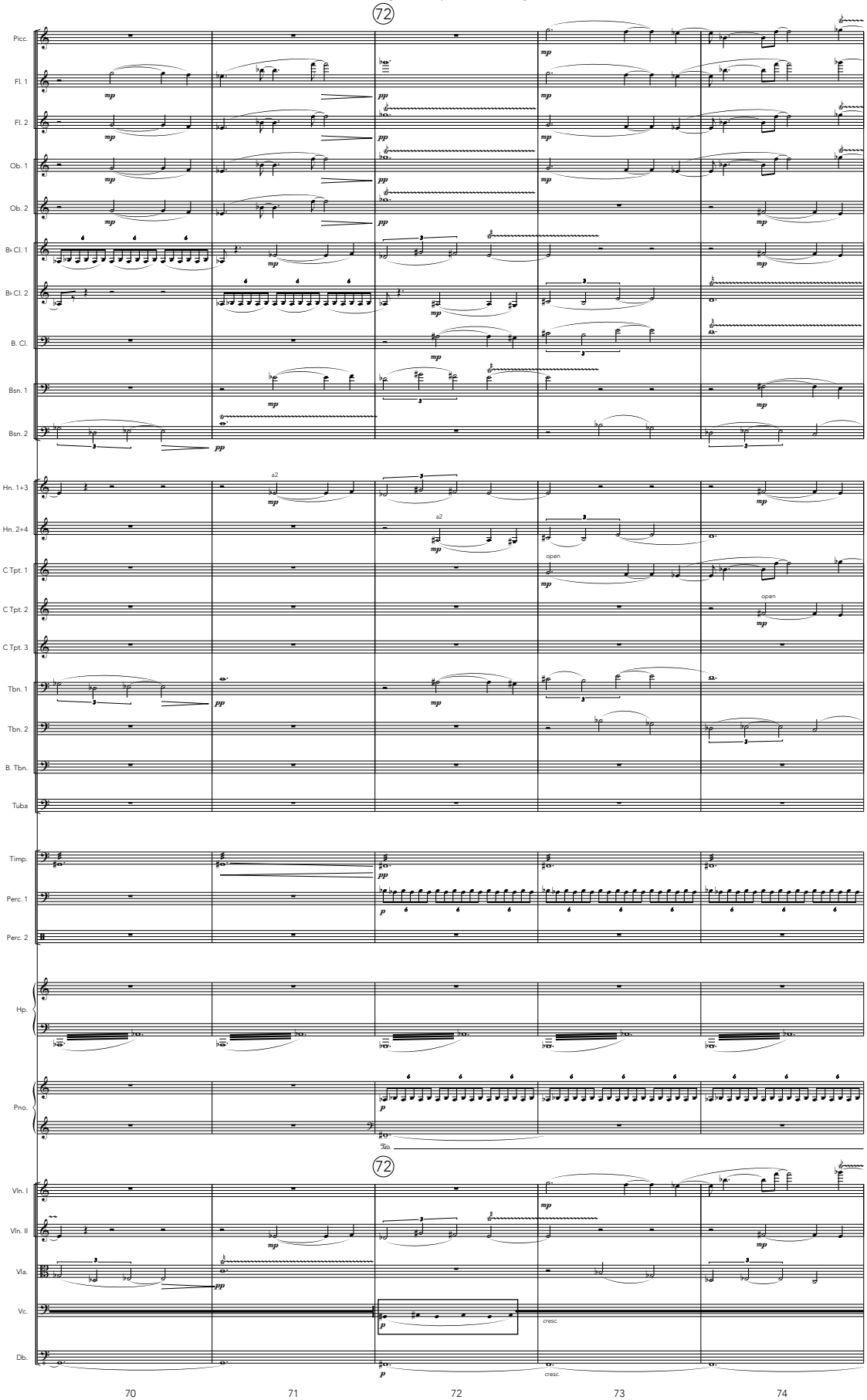

49
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
non. vib.
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
straight mute
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
div.
Timp.
Perc. 1
Perc. 2
marimba 4 medium yarn mallets
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
arco
46
47
48
49
50
51

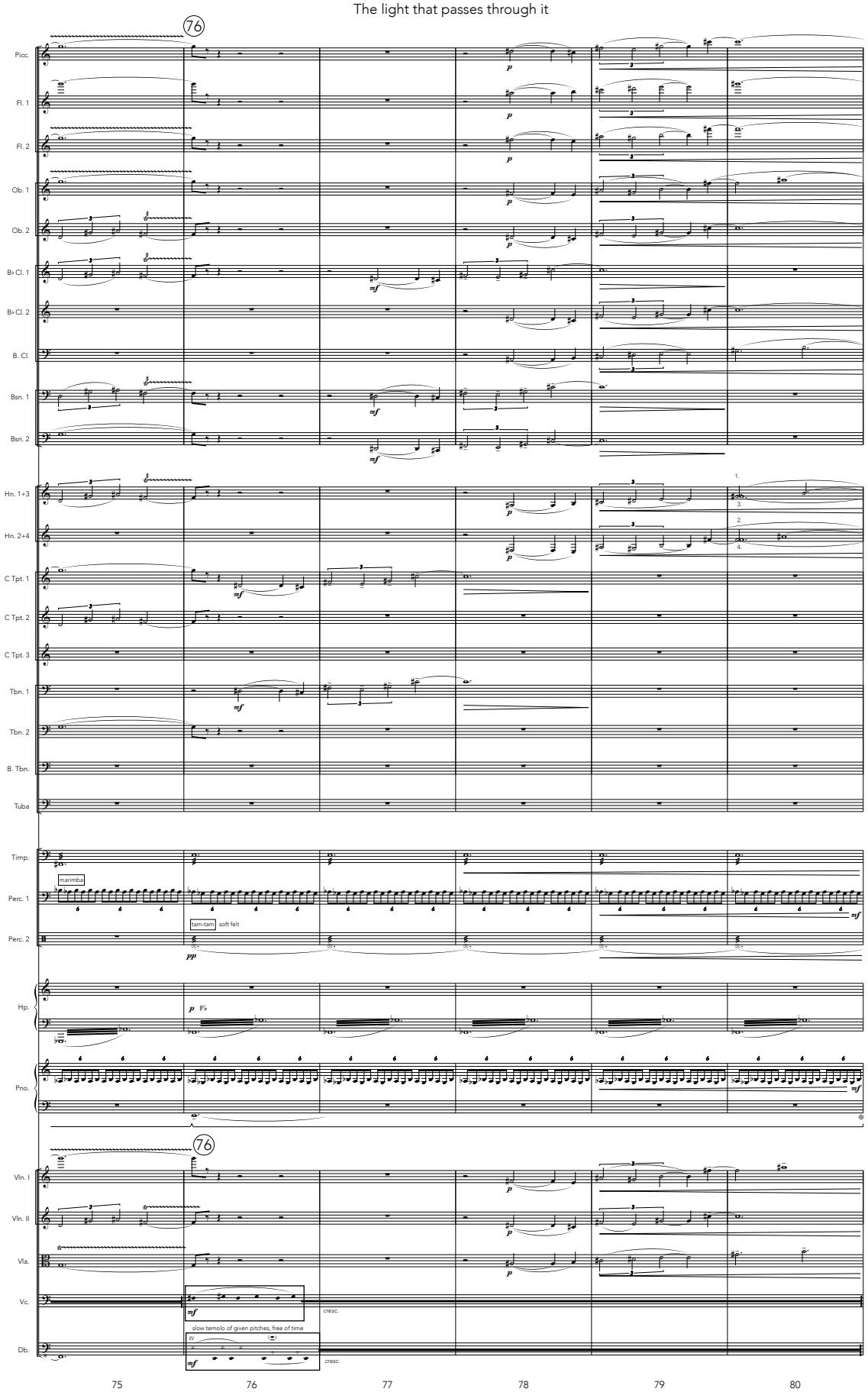

53
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
straight mute
Tbn. 1
straight mute
Tbn. 2
straight mute
remove mute
open
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
53
Vln. I
Vln. II
div.
arco
Vla.
Vc.
Db.
52
53
54
55
56
57

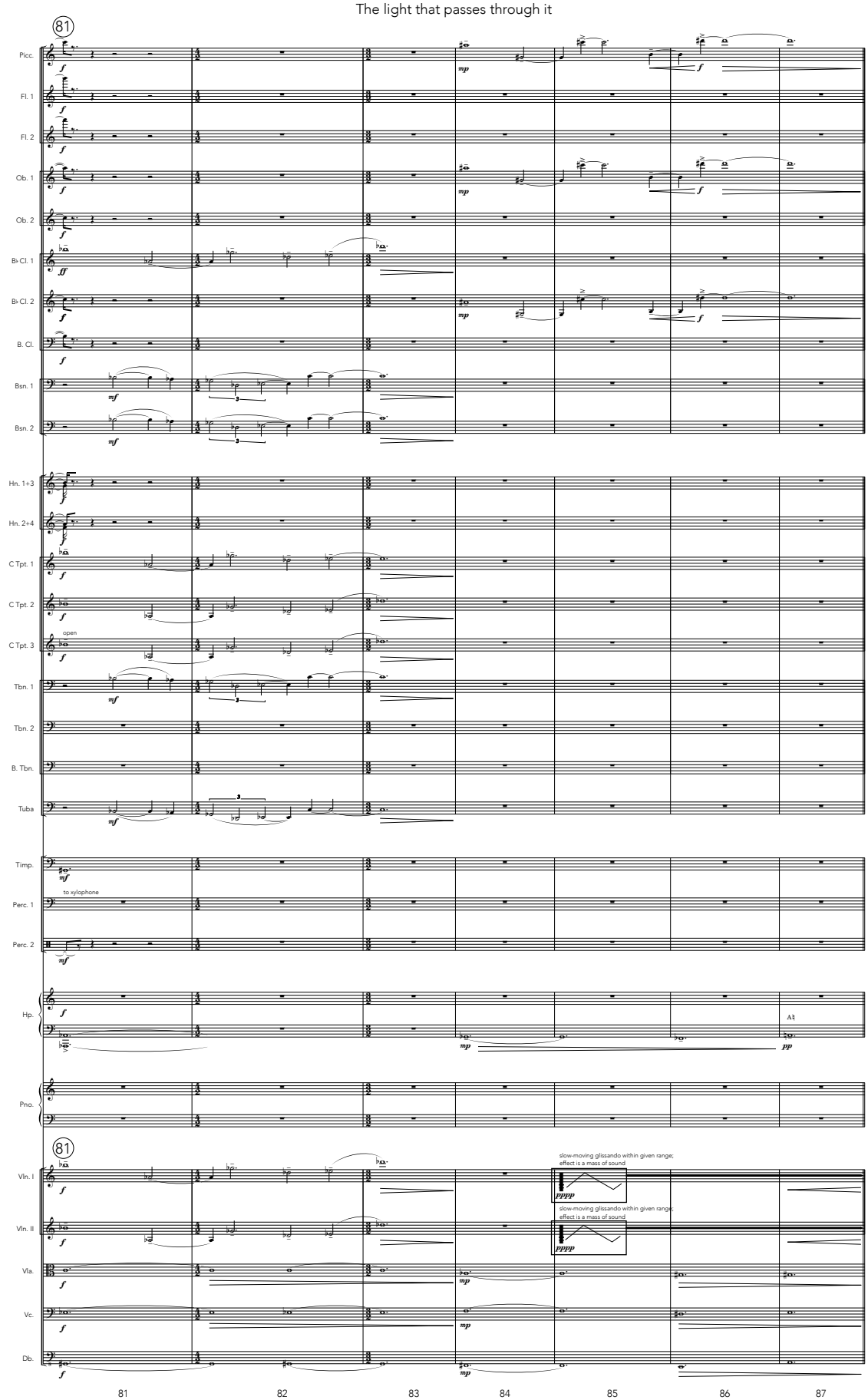

58
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
remove mute
open
marimba
loco
unis.
arco
58
59
60
61

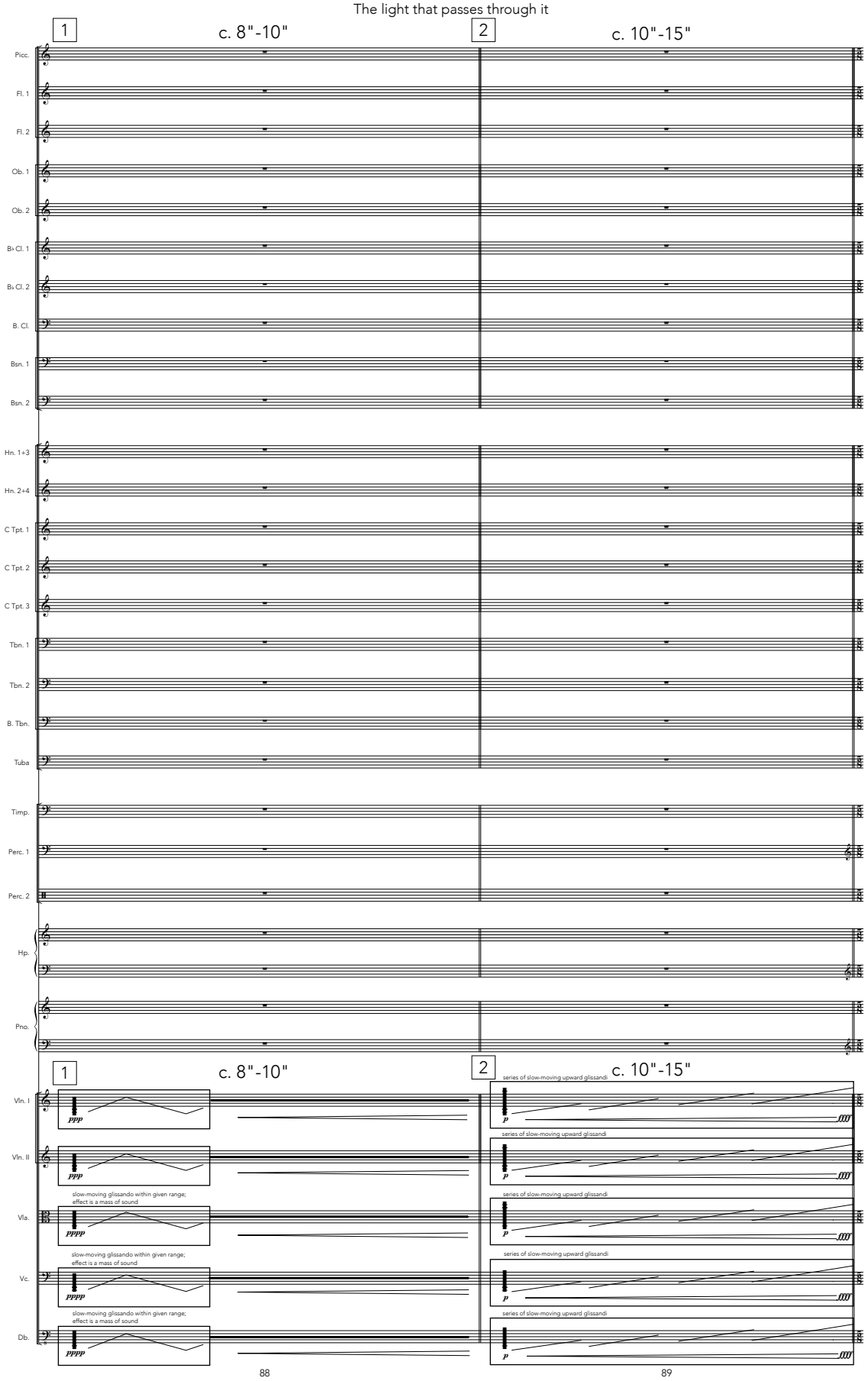

Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
C♭ E♭ A♭
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
div.
62
63
64

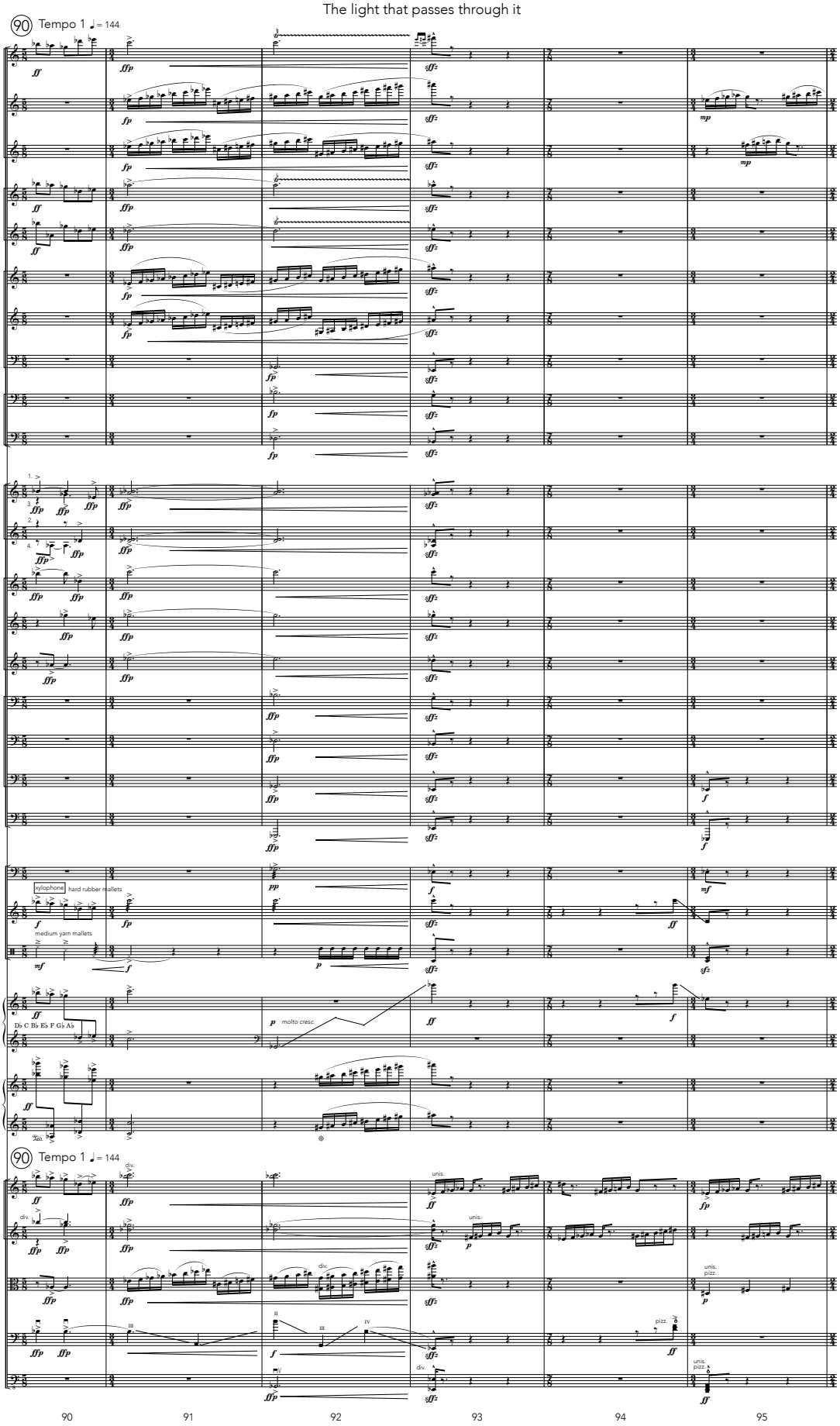

66
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
66
Vln. I
Vln. II
Vla.
Vc.
Db.
marimba
unis.
slowly and freely alternate between the two pitches
cresc.
65
66
67
68
69

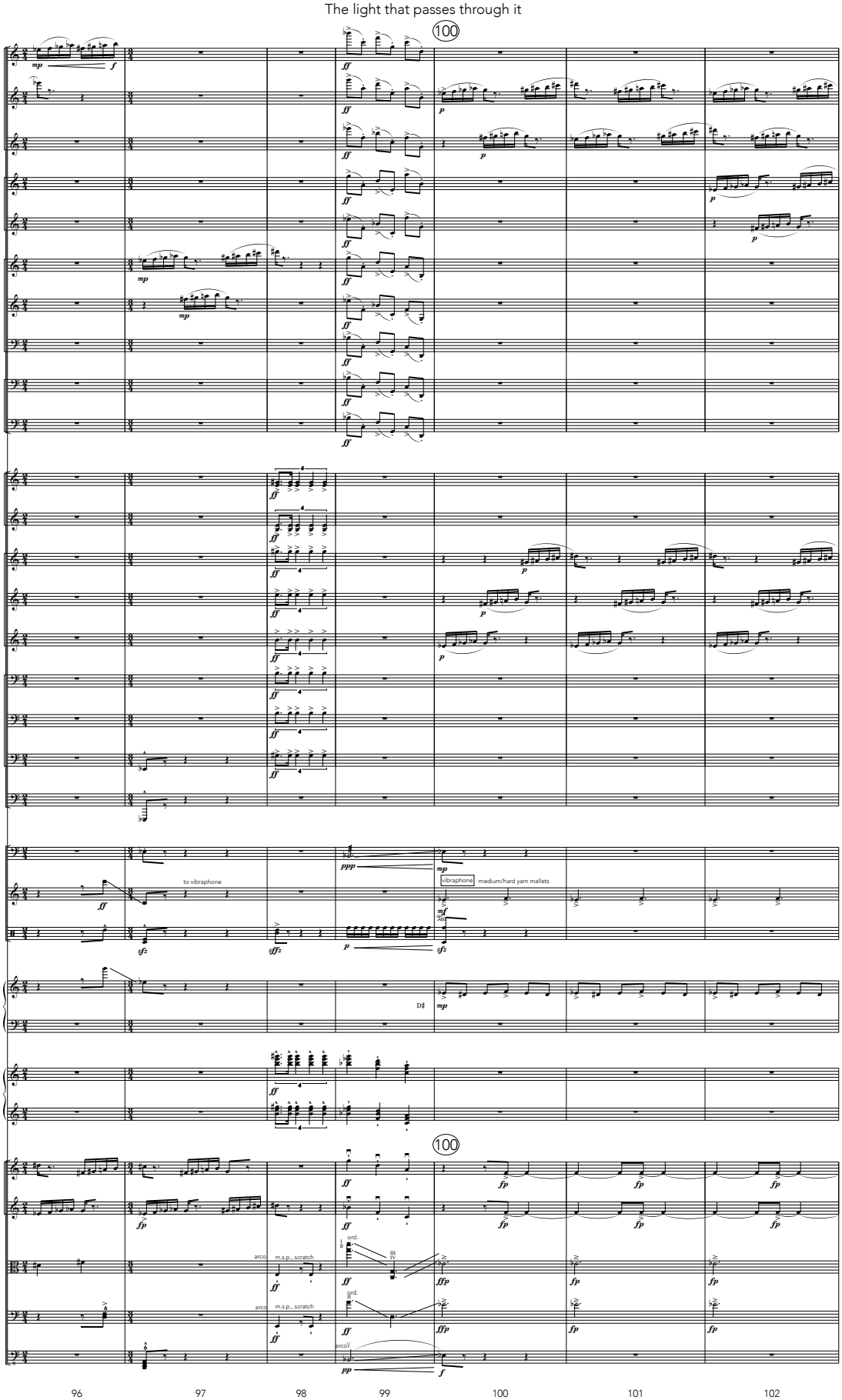

72
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
72
Vln. I
Vln. II
Vla.
Vc.
Db.
a2
open
cresc.
70
71
72
73
74

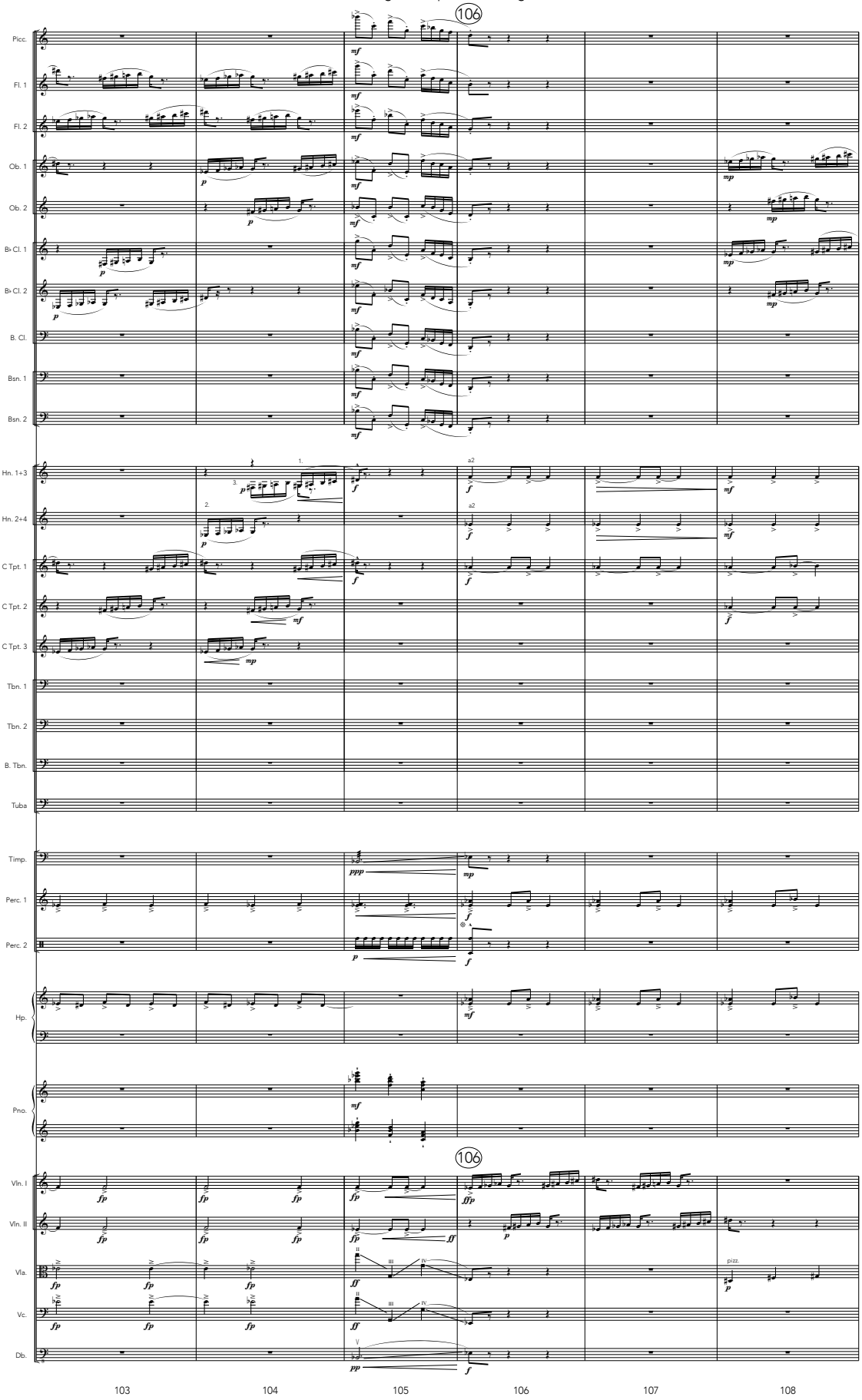

76
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
marimba
tam-tam soft felt
Hp.
Pno.
76
Vln. I
Vln. II
Vla.
Vc.
Db.
slow temolo of given pitches, free of time
cresc.
75
76
77
78
79
80

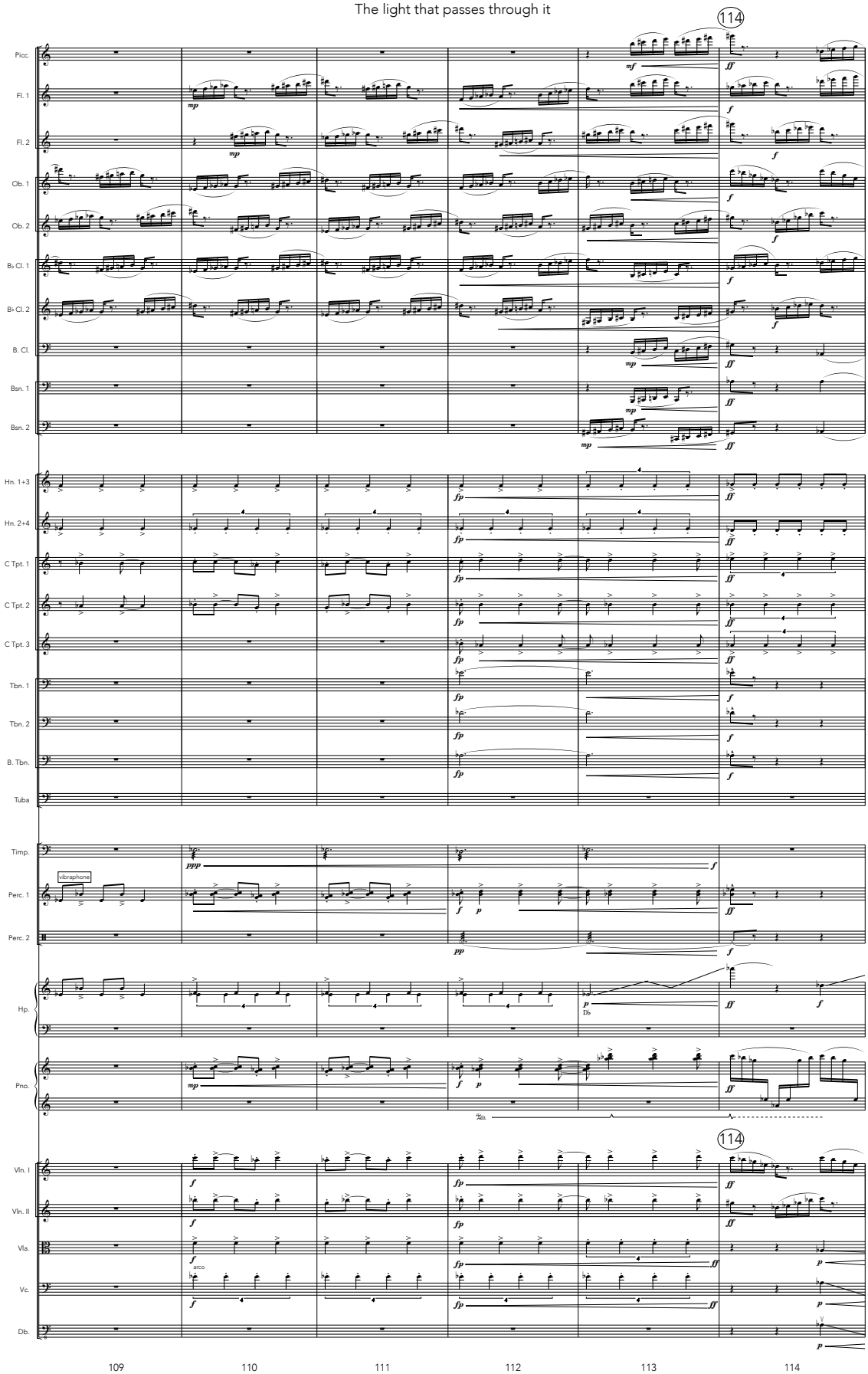

81
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
open
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
to xylophone
Perc. 2
Hp.
Pno.
81
Vln. I
slow-moving glissando within given range; effect is a mass of sound
Vln. II
slow-moving glissando within given range; effect is a mass of sound
Vla.
Vc.
Db.
81
82
83
84
85
86
87

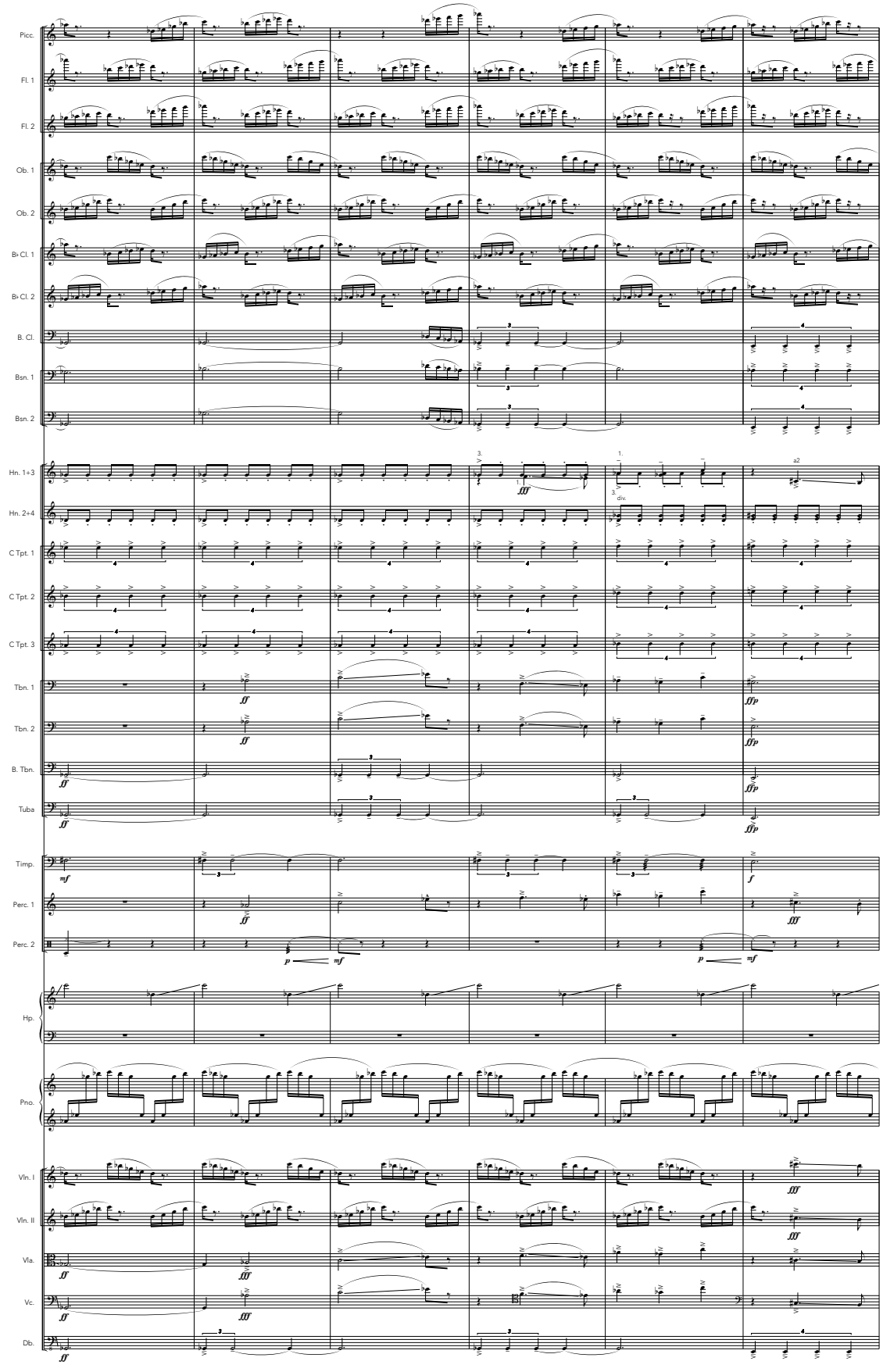

1
c. 8"-10"
2
c. 10"-15"
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
1
c. 8"-10"
2
c. 10"-15"
Vln. I
Vln. II
Vla.
Vc.
Db.
ppp
slow-moving glissando within given range; effect is a mass of sound
pppp
series of slow-moving upward glissandi
p
fff
88
89

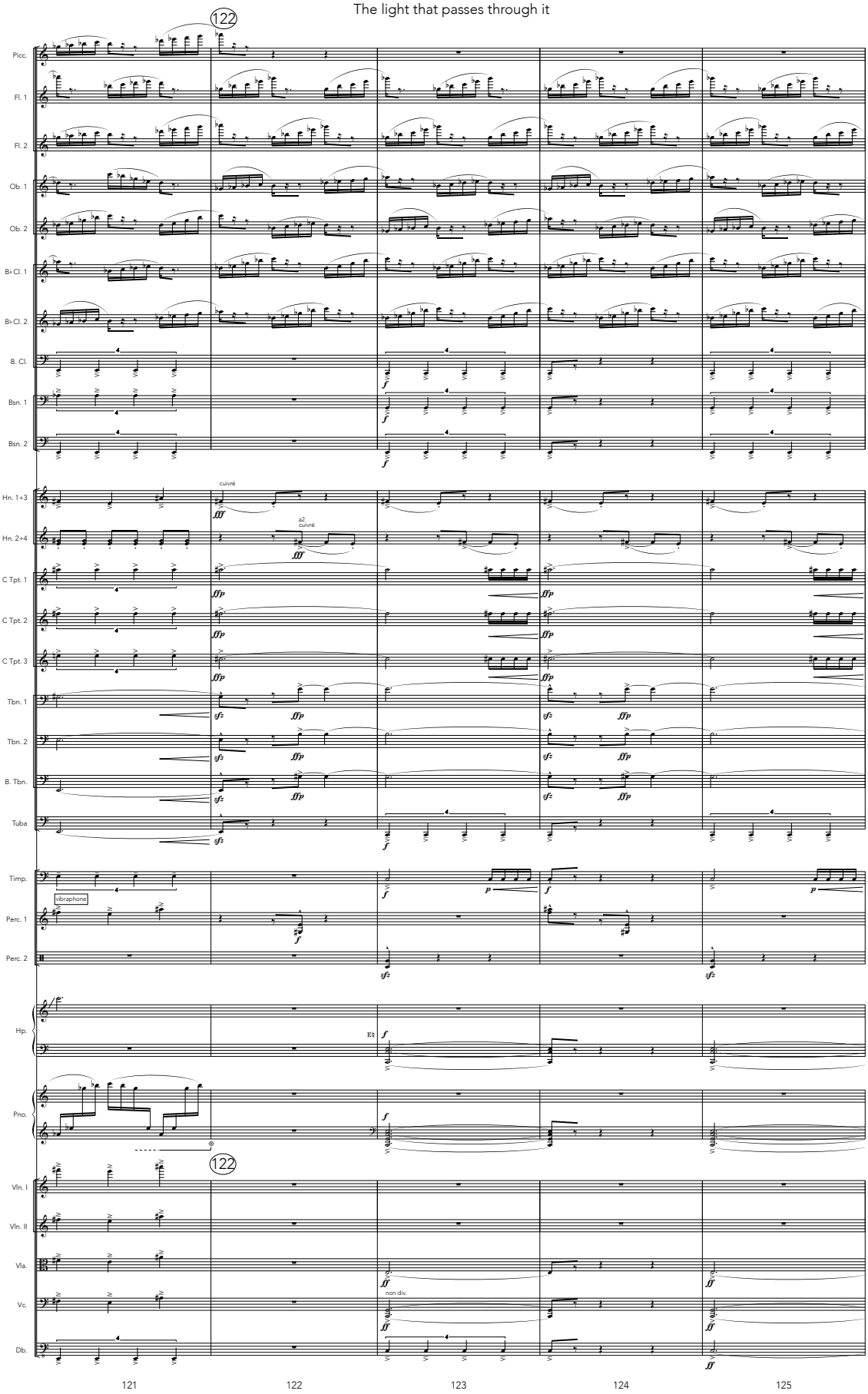

90 Tempo 1 ♩ = 144
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
xylophone
hard rubber mallets
Perc. 1
medium yarn mallets
Perc. 2
Hp.
D♭ C B♭ E♭ F G♭ A♭
molto cresc.
Pno.
90 Tempo 1 ♩ = 144
Vln. I
Vln. II
Vla.
Vc.
Db.
div.
unis.
pizz.
unis. pizz.
90
91
92
93
94
95

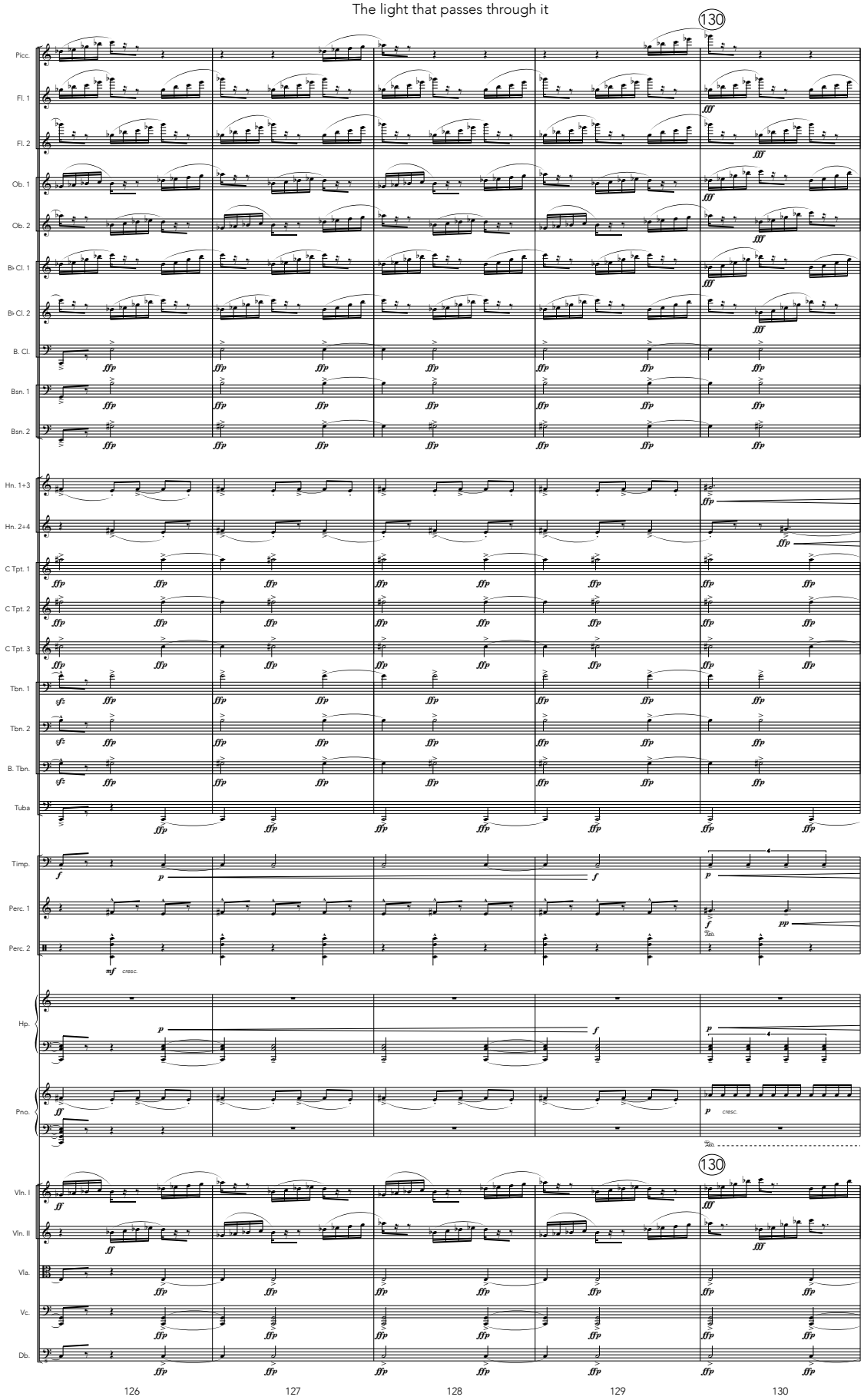

100
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
to vibraphone
vibraphone
medium/hard yarn mallets
arco
m.s.p., scratch
ord.
arco/
96
97
98
99
100
101
102

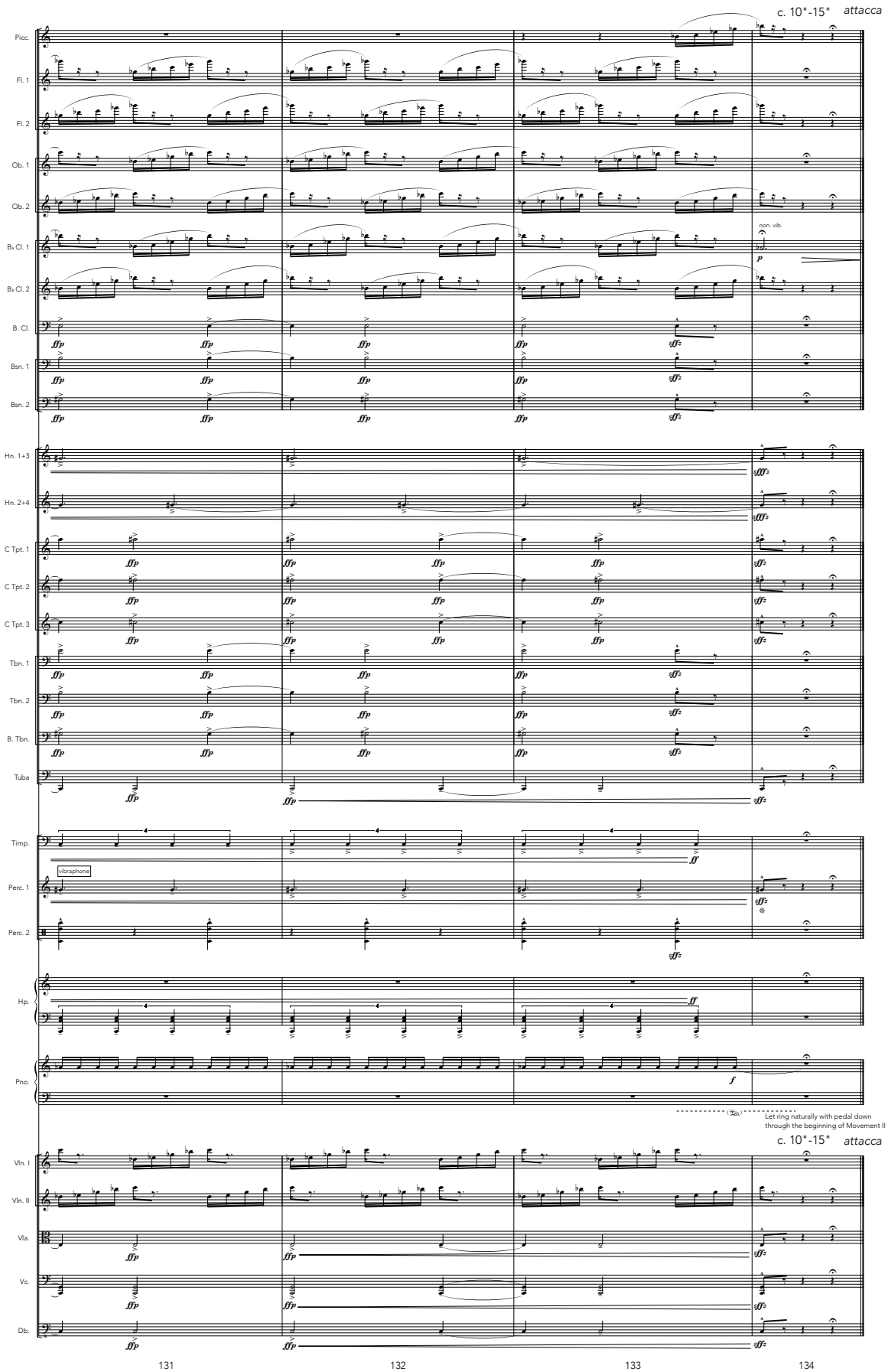

106
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
106
Vln. I
Vln. II
Vla.
Vc.
Db.
103
104
105
106
107
108


114
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
vibraphone
Hp.
Pno.
114
Vln. I
Vln. II
Vla.
arco
Vc.
Db.
109
110
111
112
113
114

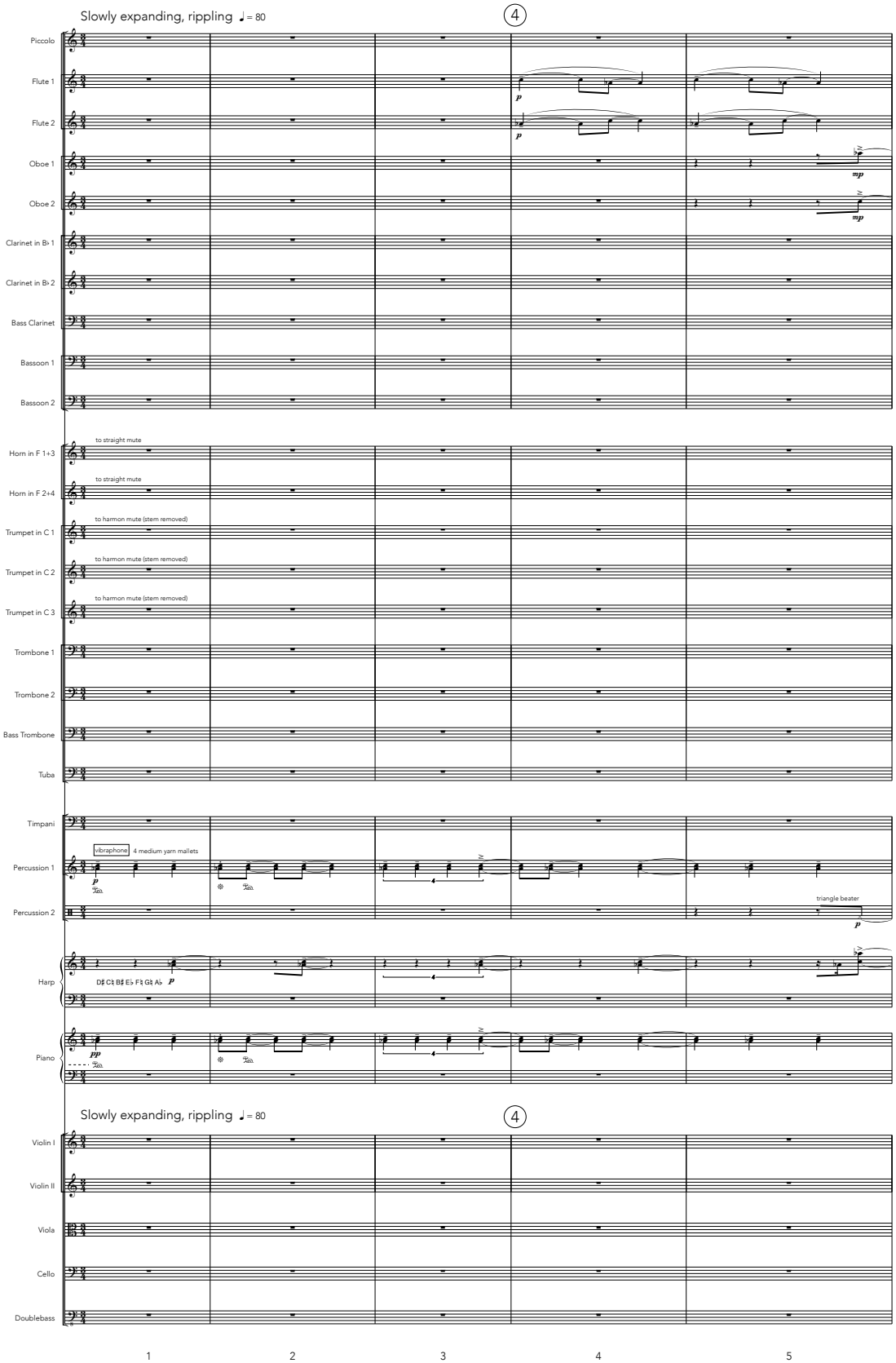

Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
115
116
117
118
119
120

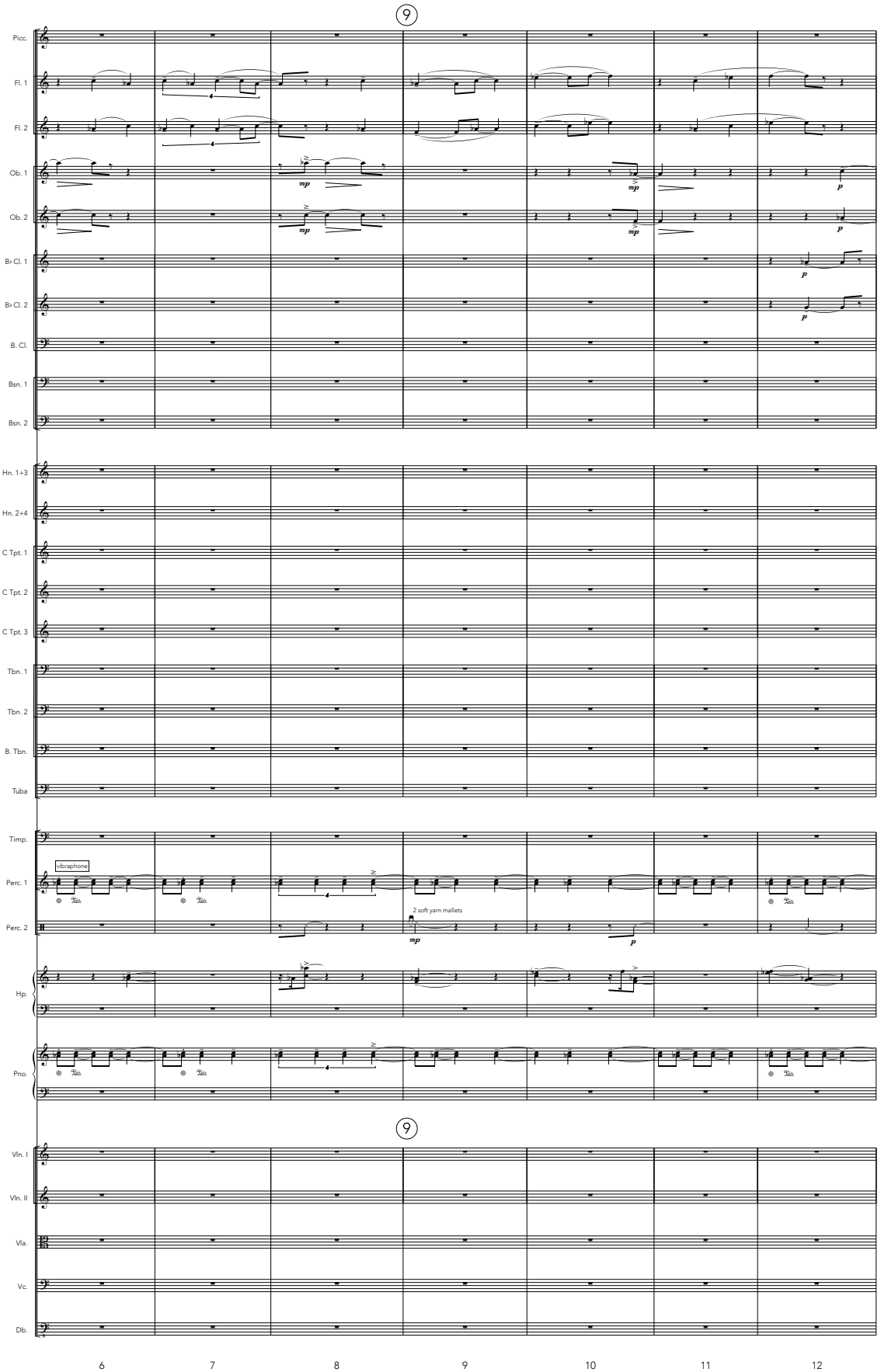

122
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
cuivré
Hn. 2+4
a2
cuivré
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
vibraphone
Perc. 2
Hp.
E♮
Pno.
122
Vln. I
Vln. II
Vla.
Vc.
non div.
Db.
121
122
123
124
125

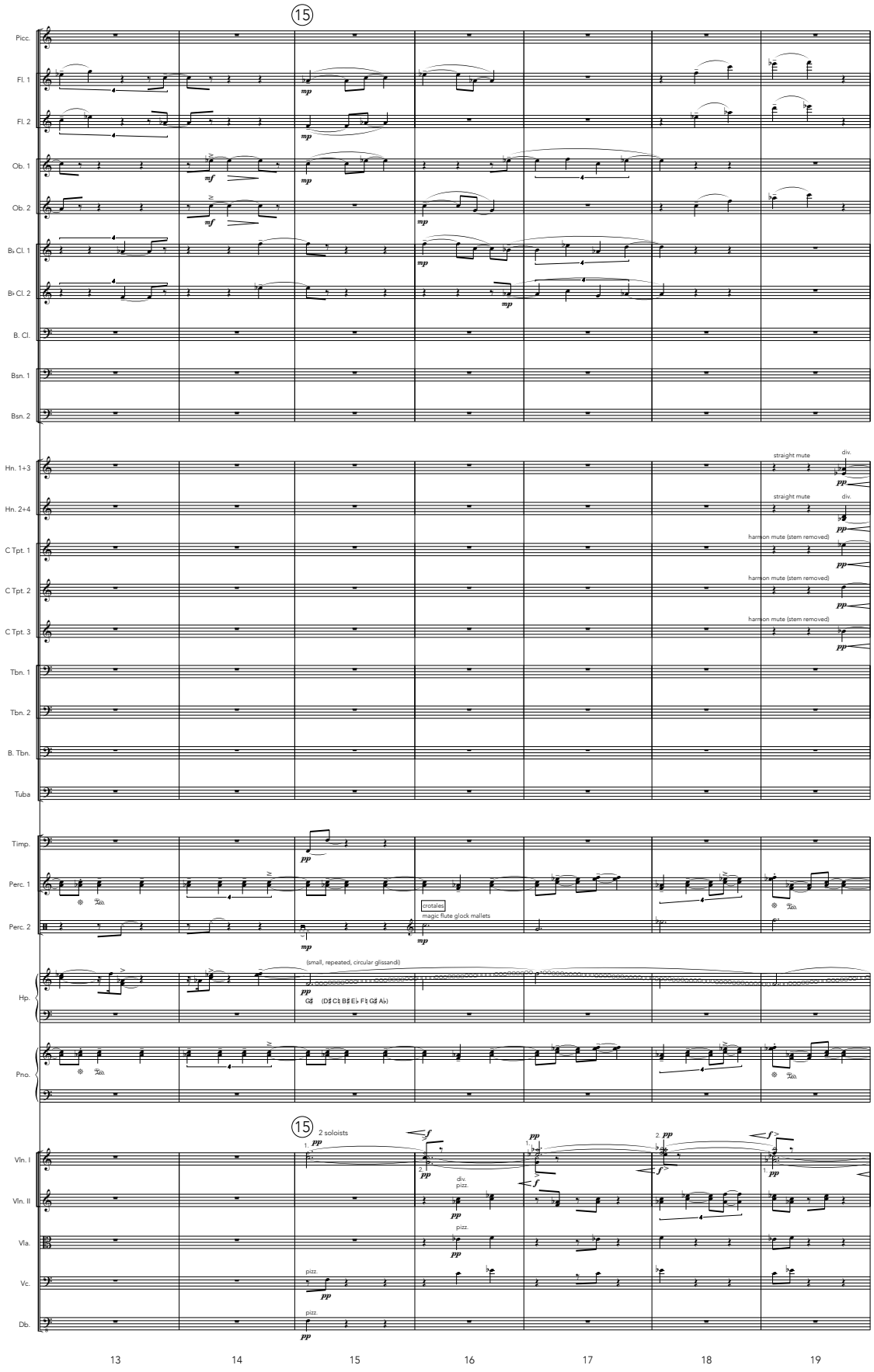

130
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
126
127
128
129
130

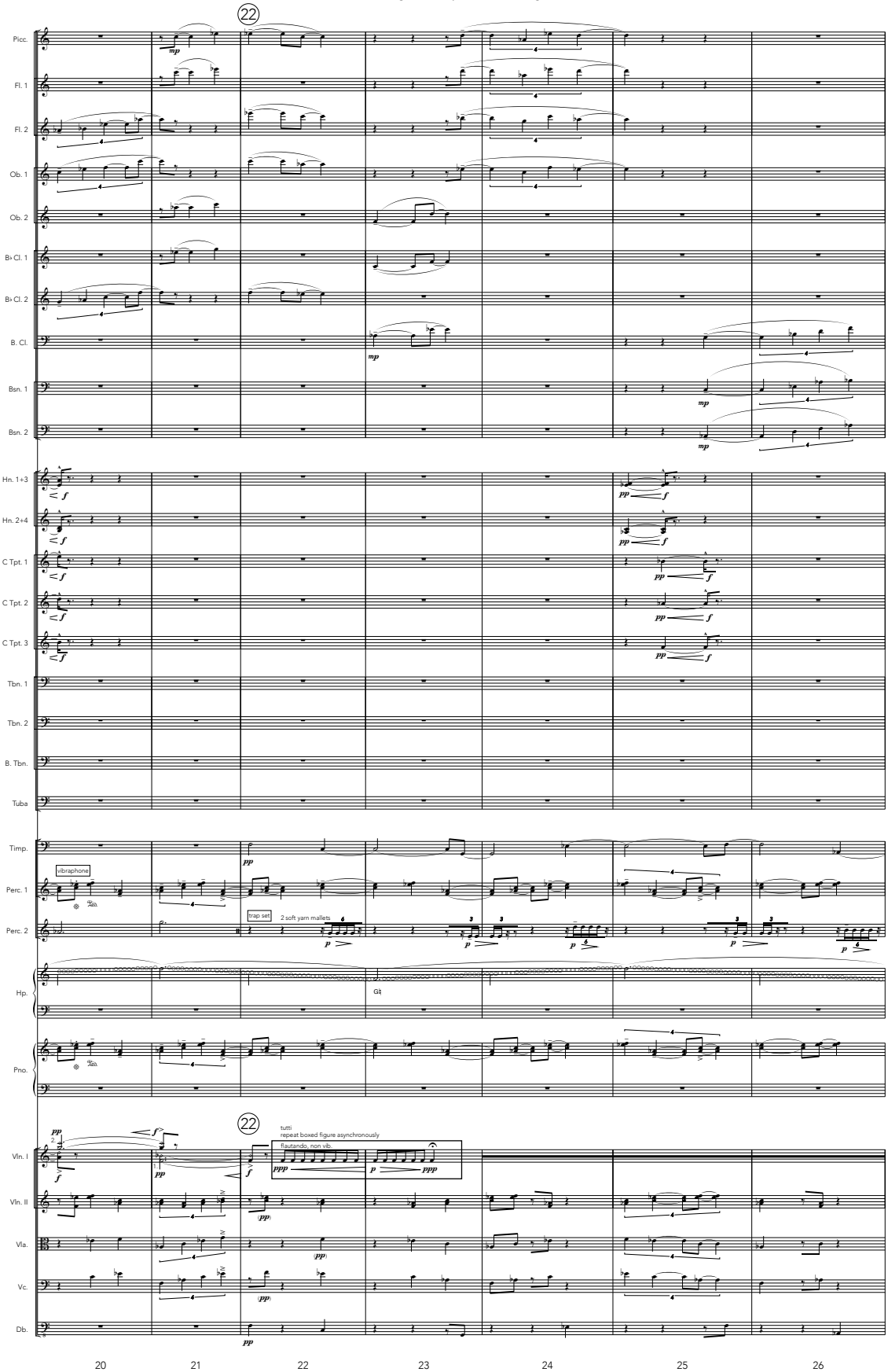

c. 10"-15" attacca
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
non. vib.
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
vibraphone
Hp.
Pno.
Let ring naturally with pedal down through the beginning of Movement II
c. 10"-15" attacca
Vln. I
Vln. II
Vla.
Vc.
Db.
131
132
133
134

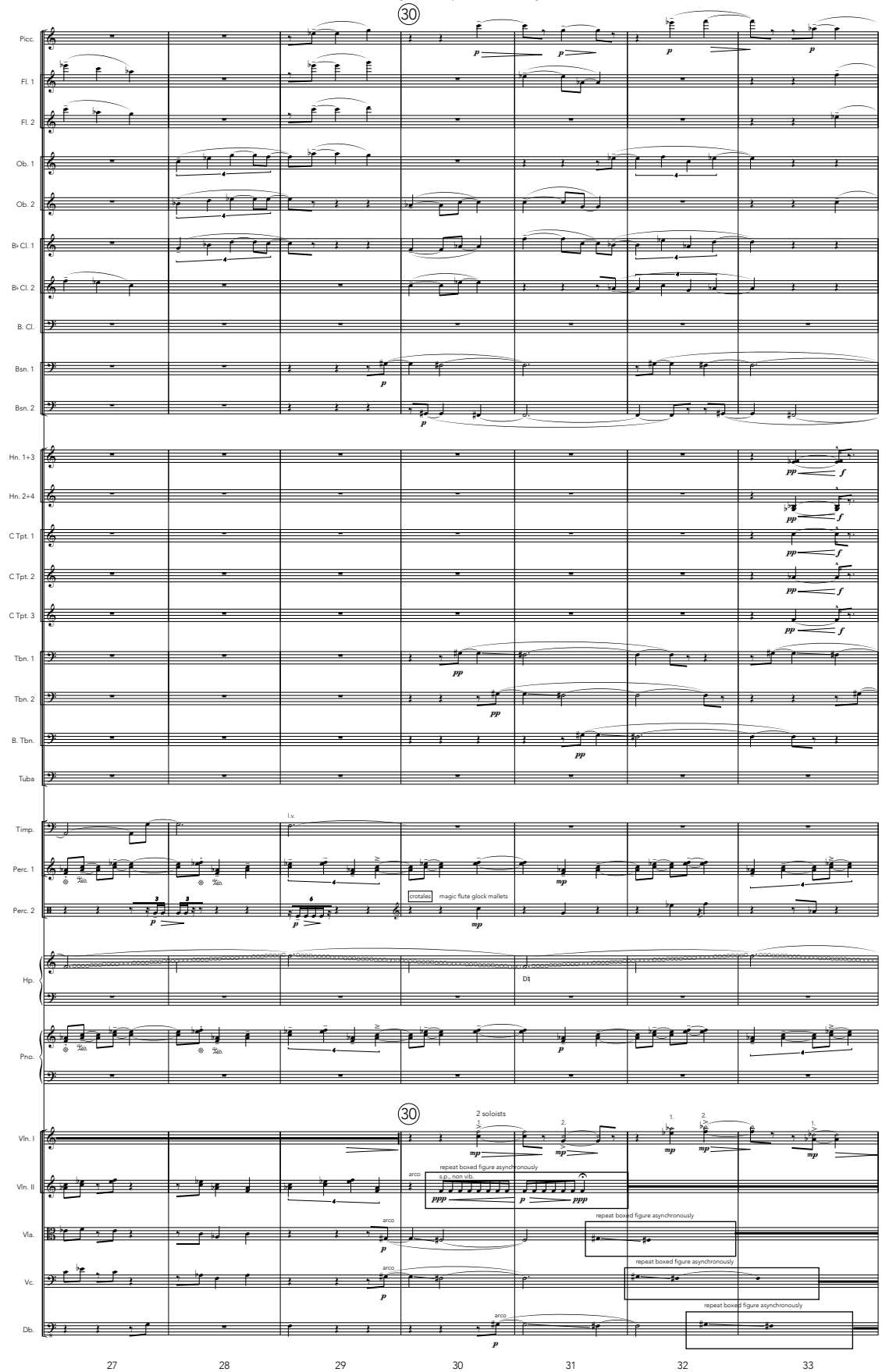
II. Seaforms

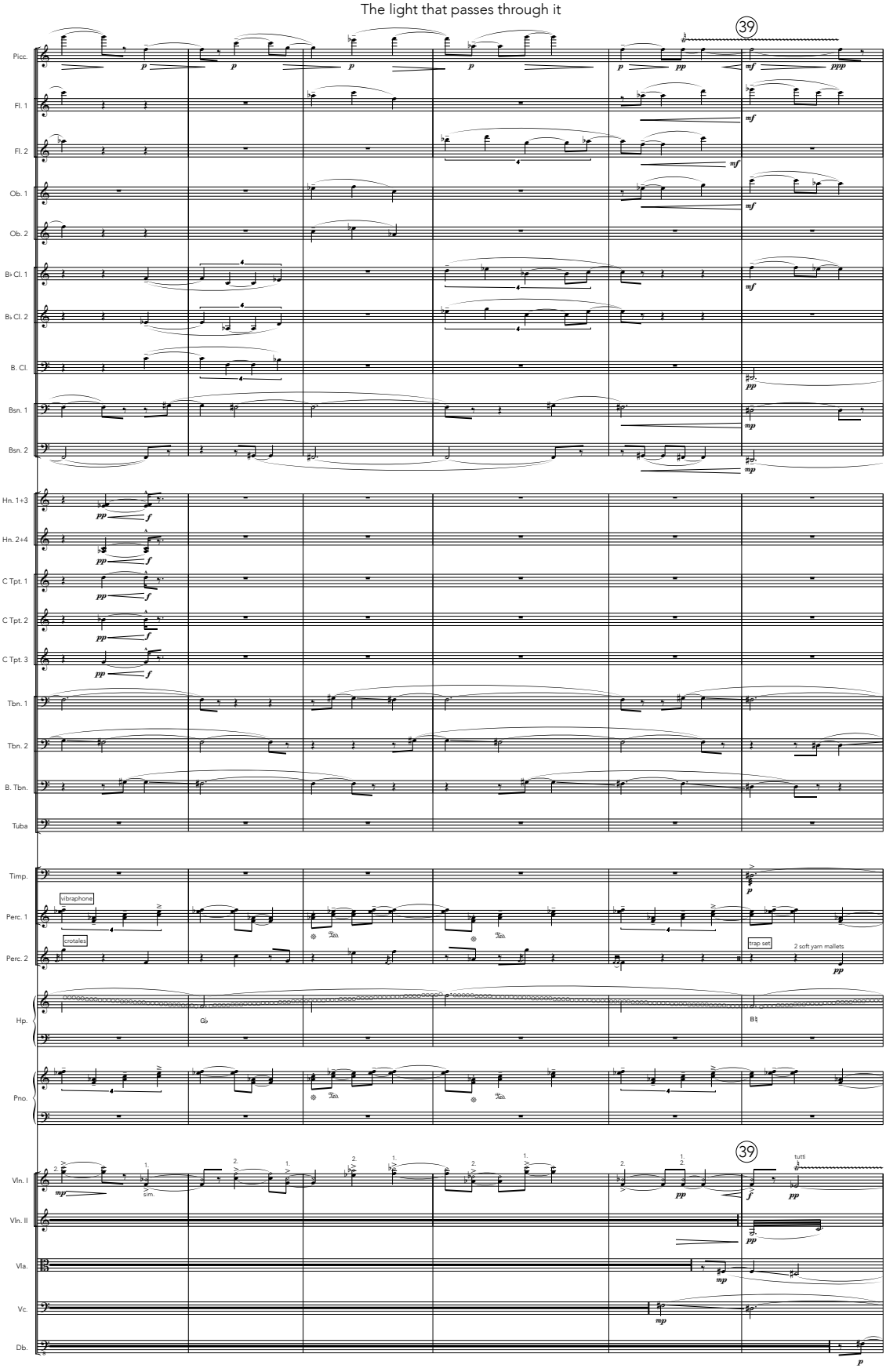

Slowly expanding, rippling ♩ = 80
4
Piccolo
Flute 1
Flute 2
Oboe 1
Oboe 2
Clarinet in B♭ 1
Clarinet in B♭ 2
Bass Clarinet
Bassoon 1
Bassoon 2
Horn in F 1+3
to straight mute
Horn in F 2+4
to straight mute
Trumpet in C 1
to harmon mute (stem removed)
Trumpet in C 2
to harmon mute (stem removed)
Trumpet in C 3
to harmon mute (stem removed)
Trombone 1
Trombone 2
Bass Trombone
Tuba
Timpani
Percussion 1
vibraphone
4 medium yarn mallets
Percussion 2
triangle beater
Harp
Piano
Slowly expanding, rippling ♩ = 80
4
Violin I
Violin II
Viola
Cello
Doublebass
1
2
3
4
5

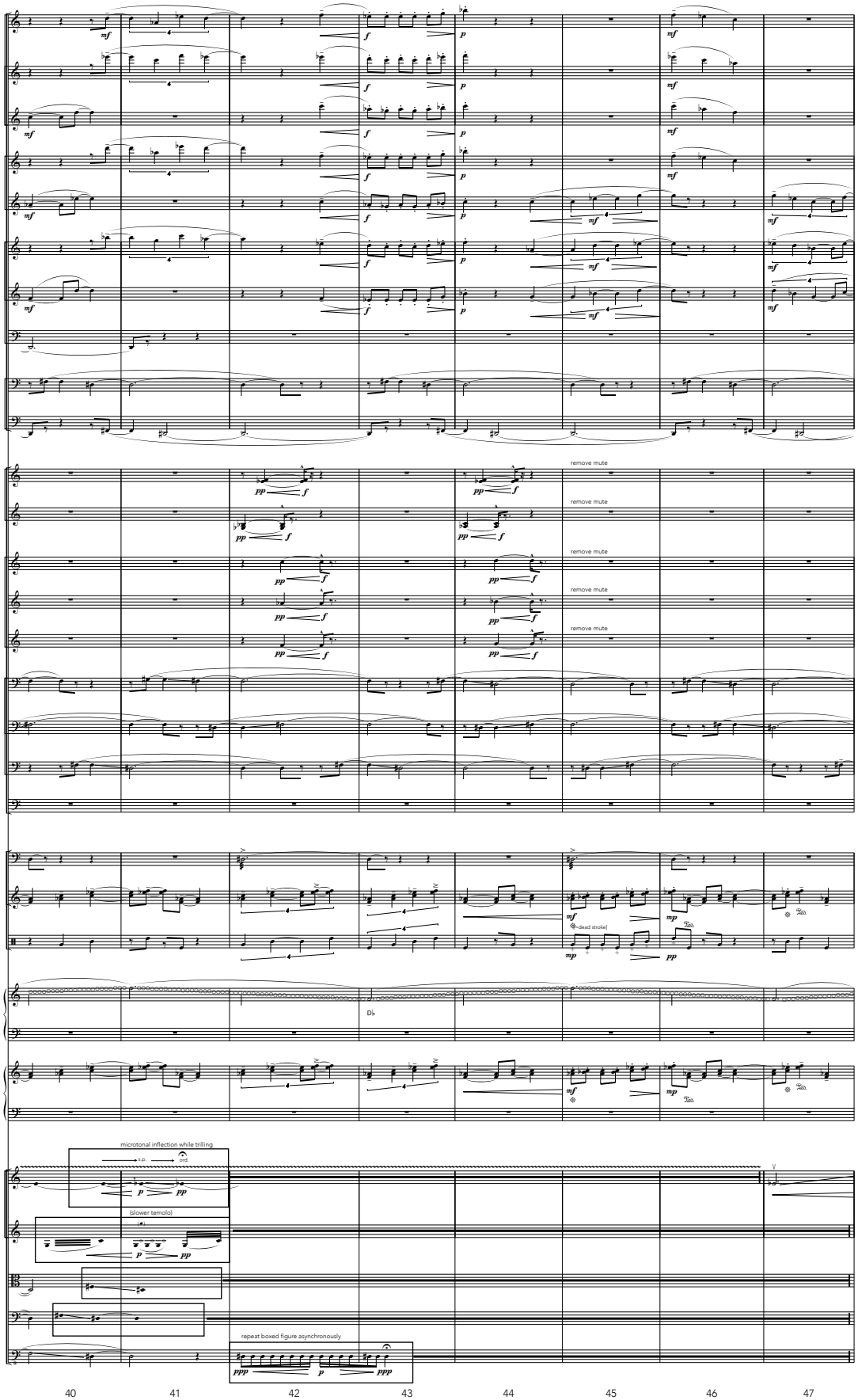

9
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
vibraphone
2 soft yarn mallets
Hp.
Pno.
9
Vln. I
Vln. II
Vla.
Vc.
Db.
6
7
8
9
10
11
12

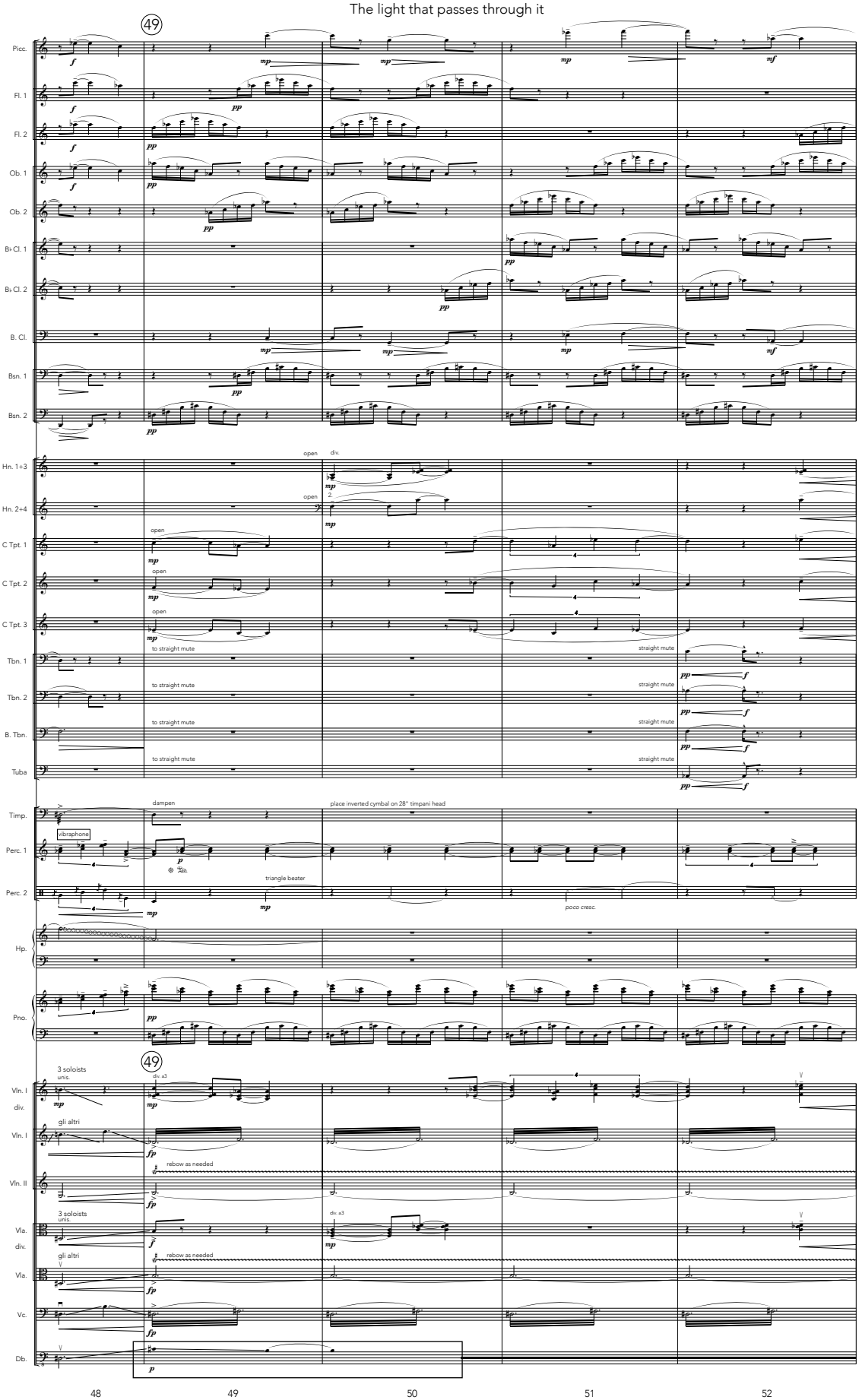

15
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
straight mute
div.
harmon mute (stem removed)
crotales
magic flute glock mallets
(small, repeated, circular glissandi)
G♯ (D♯ C♮ B♯ E♭ F♮ G♯ A♭)
2 soloists
pizz.
13
14
15
16
17
18
19

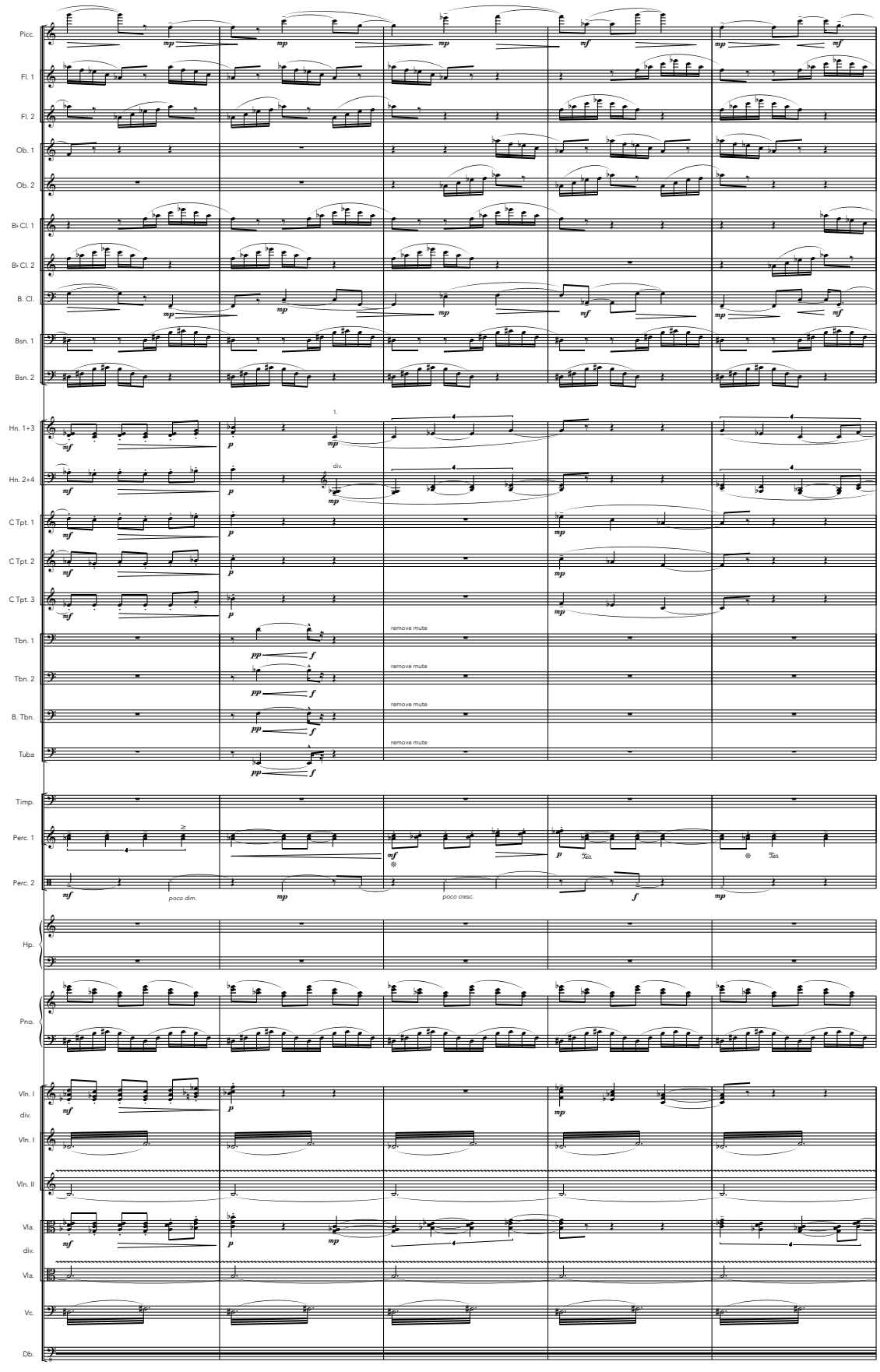

22
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
vibraphone
trap set
2 soft yarn mallets
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
tutti
repeat boxed figure asynchronously
flautando, non vib.
20
21
22
23
24
25
26

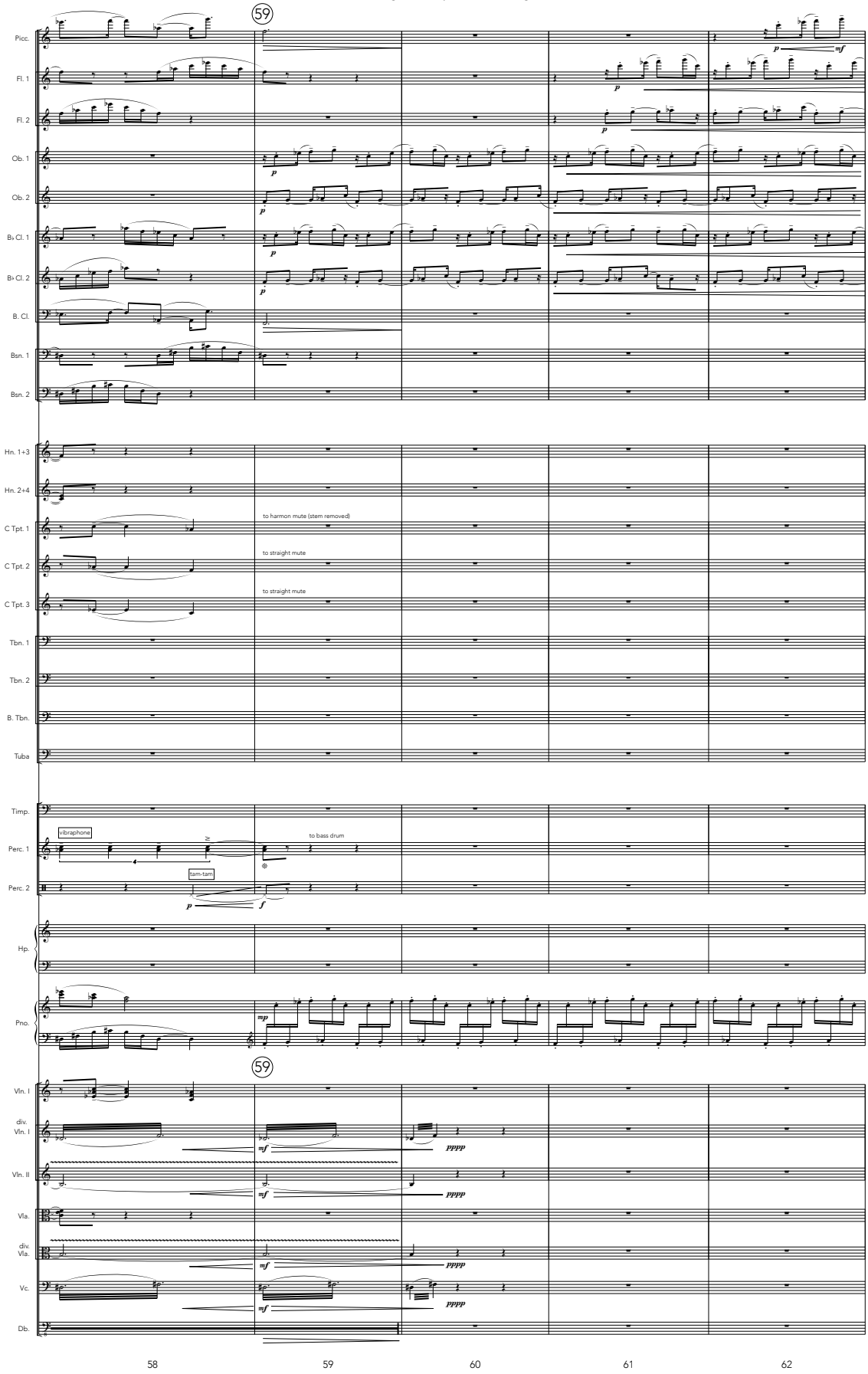

30
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
l.v.
crotales
magic flute glock mallets
Hp.
D♭
Pno.
30
2 soloists
Vln. I
Vln. II
Vla.
Vc.
Db.
arco
s.p., non vib.
repeat boxed figure asynchronously
27
28
29
30
31
32
33

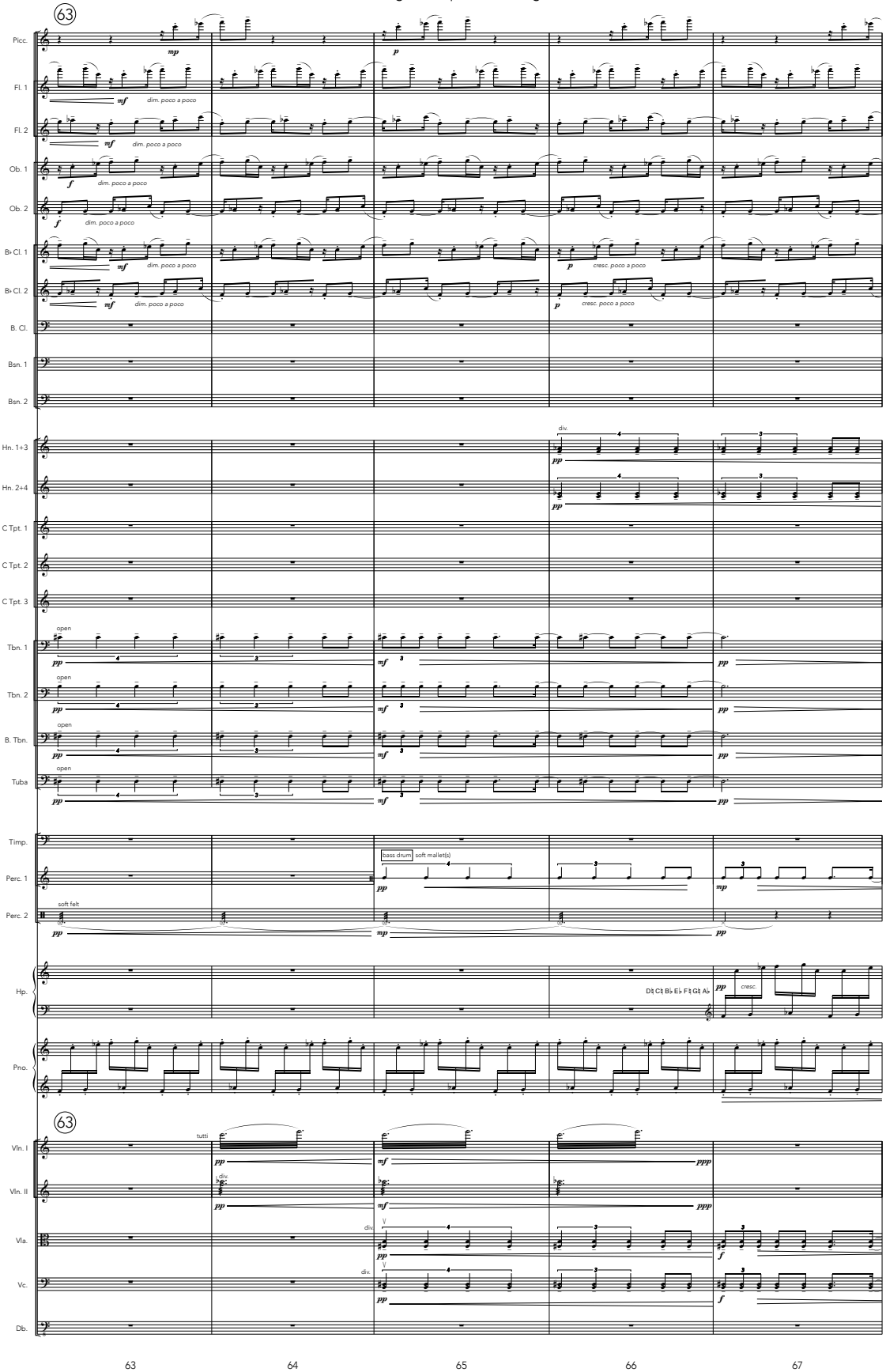

39
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
vibraphone
crotales
trap set
2 soft yarn mallets
Hp.
G♭
B♮
Pno.
39
tutti
Vln. I
Vln. II
Vla.
Vc.
Db.
sim.
34
35
36
37
38
39

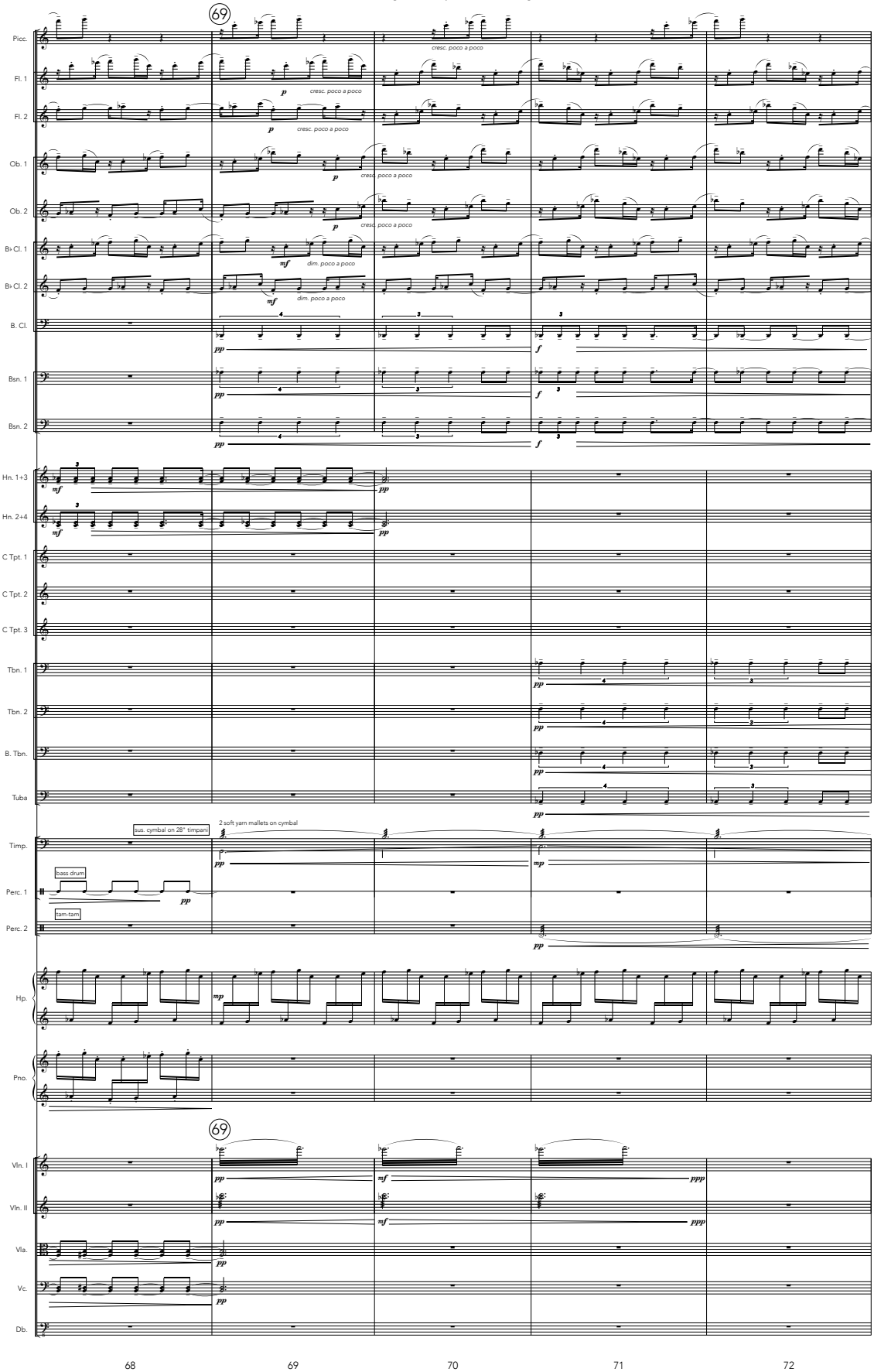

Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
remove mute
[dead stroke]
D♭
microtonal inflection while trilling
(slower temolo)
repeat boxed figure asynchronously
40
41
42
43
44
45
46
47

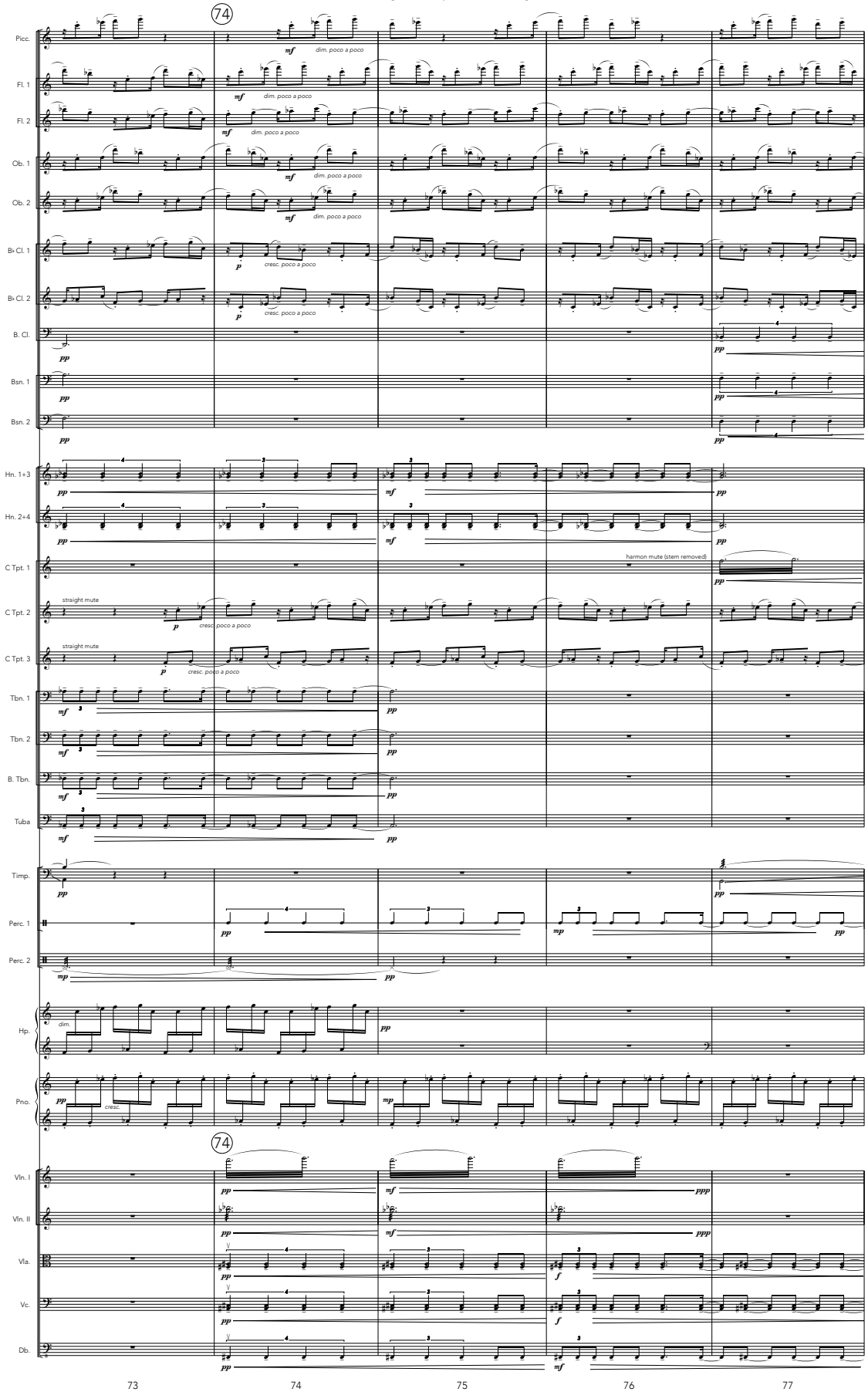

49
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. I
Vln. II
Vla.
Vla.
Vc.
Db.
open
div.
to straight mute
straight mute
dampen
place inverted cymbal on 28" timpani head
vibraphone
triangle beater
poco cresc.
3 soloists
unis.
gli altri
rebow as needed
48
49
50
51
52

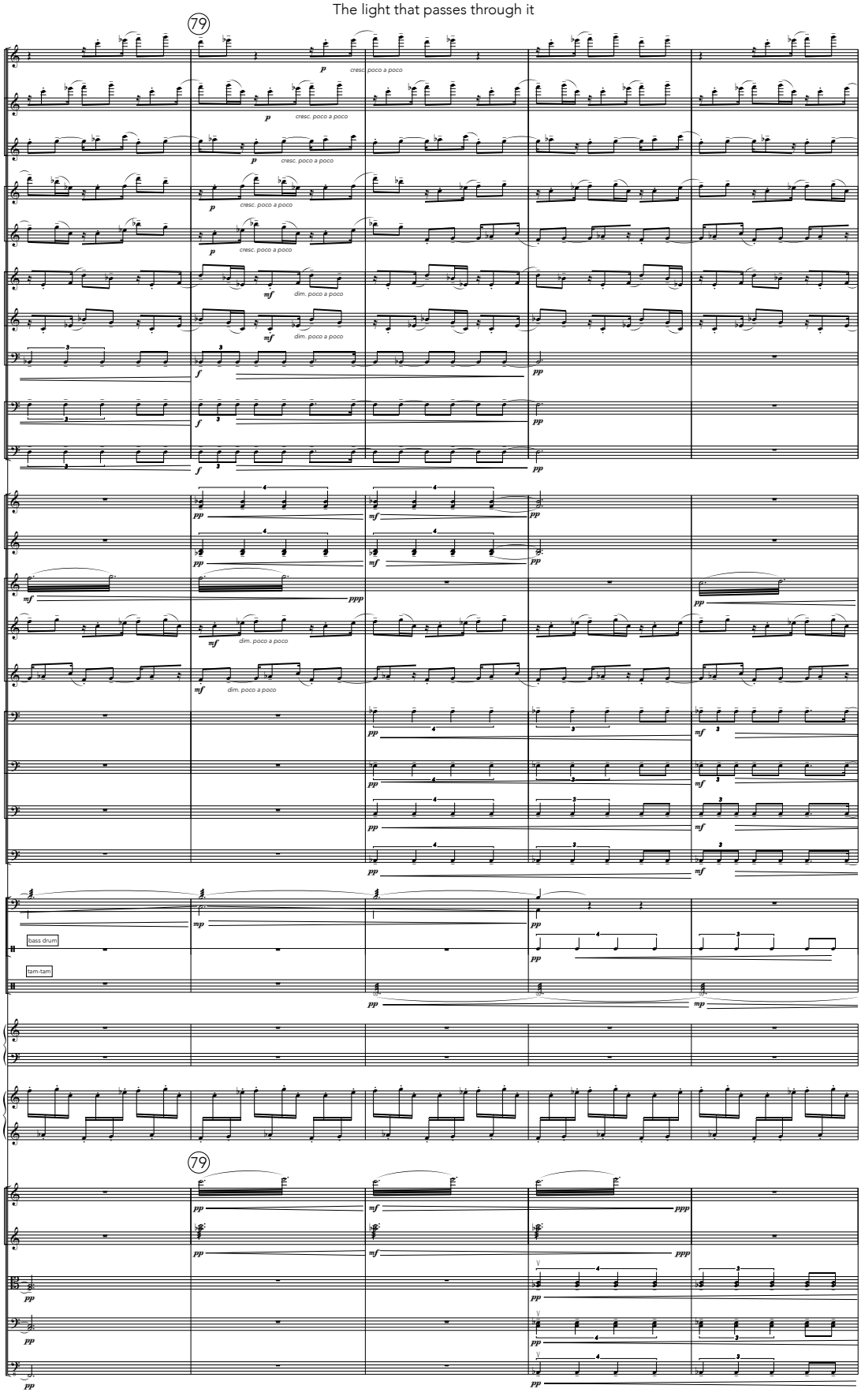

Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
div.
Vln. I
Vln. II
Vla.
div.
Vla.
Vc.
Db.
1.
div.
remove mute
remove mute
remove mute
remove mute
poco dim.
poco cresc.
53
54
55
56
57

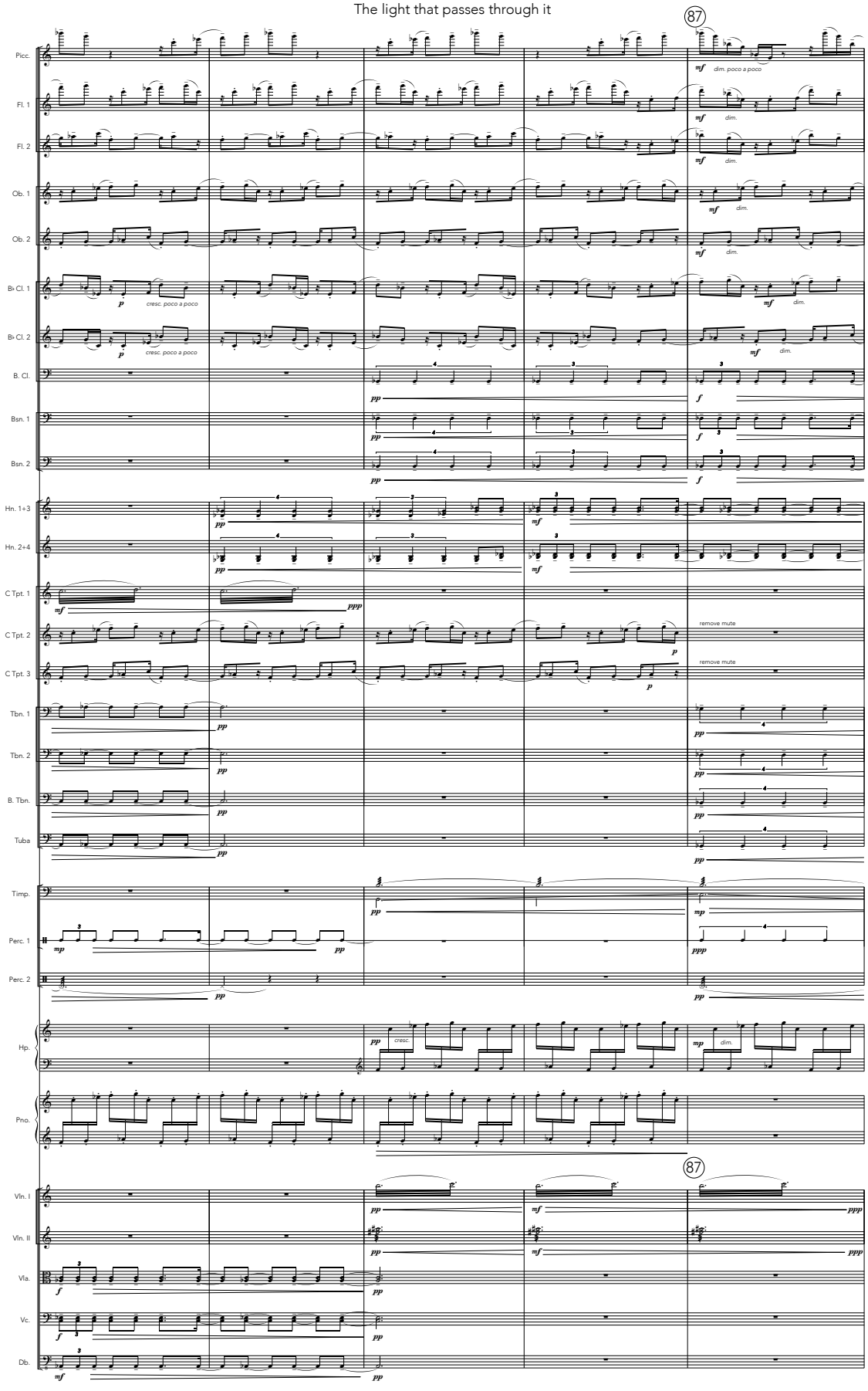

59
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
to harmon mute (stem removed)
C Tpt. 2
to straight mute
C Tpt. 3
to straight mute
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
vibraphone
to bass drum
tam-tam
Perc. 2
Hp.
Pno.
59
Vln. I
div.
Vln. I
Vln. II
Vla.
div.
Vla.
Vc.
Db.
58
59
60
61
62

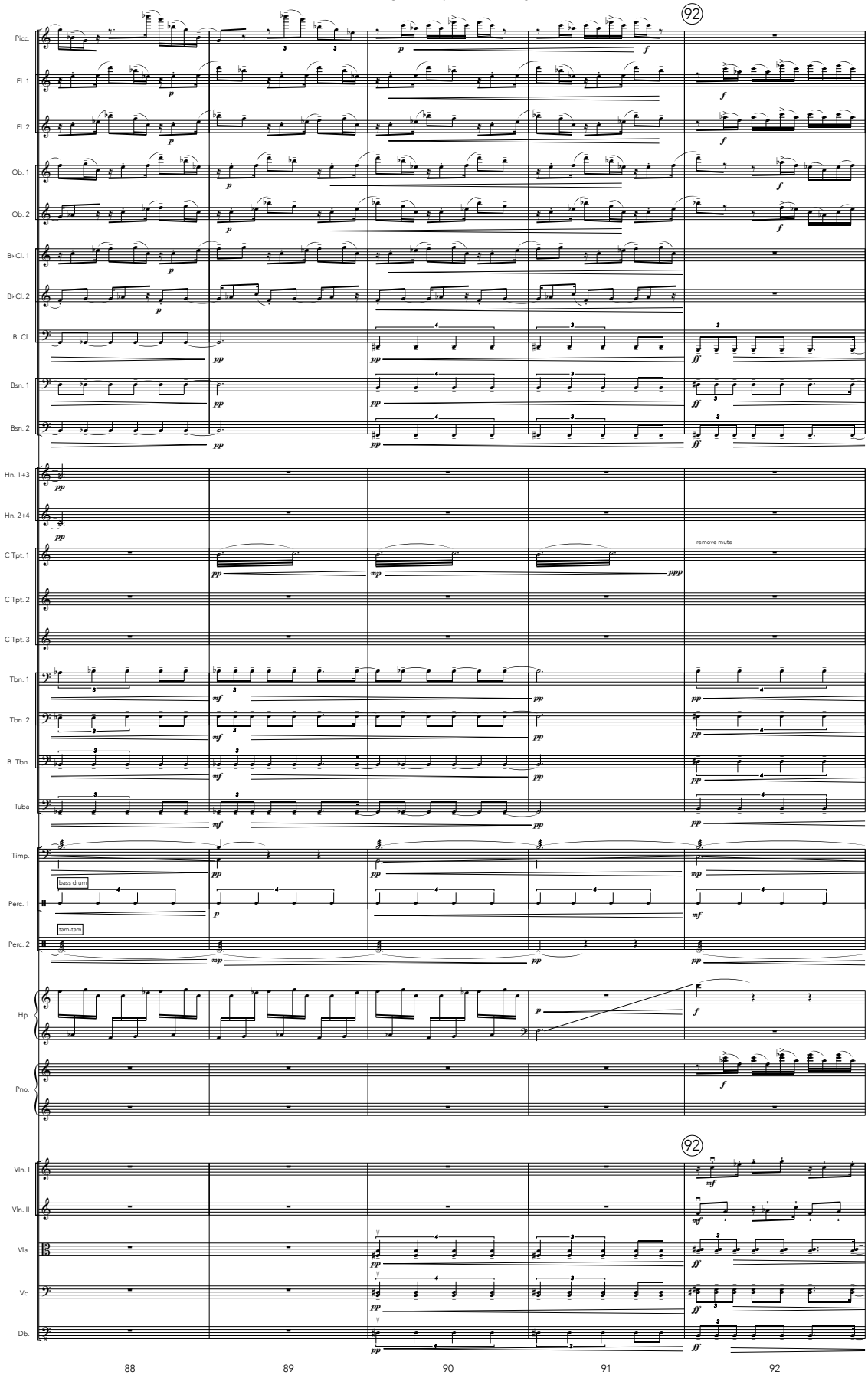

63
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
63
Vln. I
Vln. II
Vla.
Vc.
Db.
mp
mf
dim. poco a poco
f
p
cresc. poco a poco
div.
pp
open
bass drum
soft mallet(s)
soft felt
cresc.
tutti
ppp
63
64
65
66
67

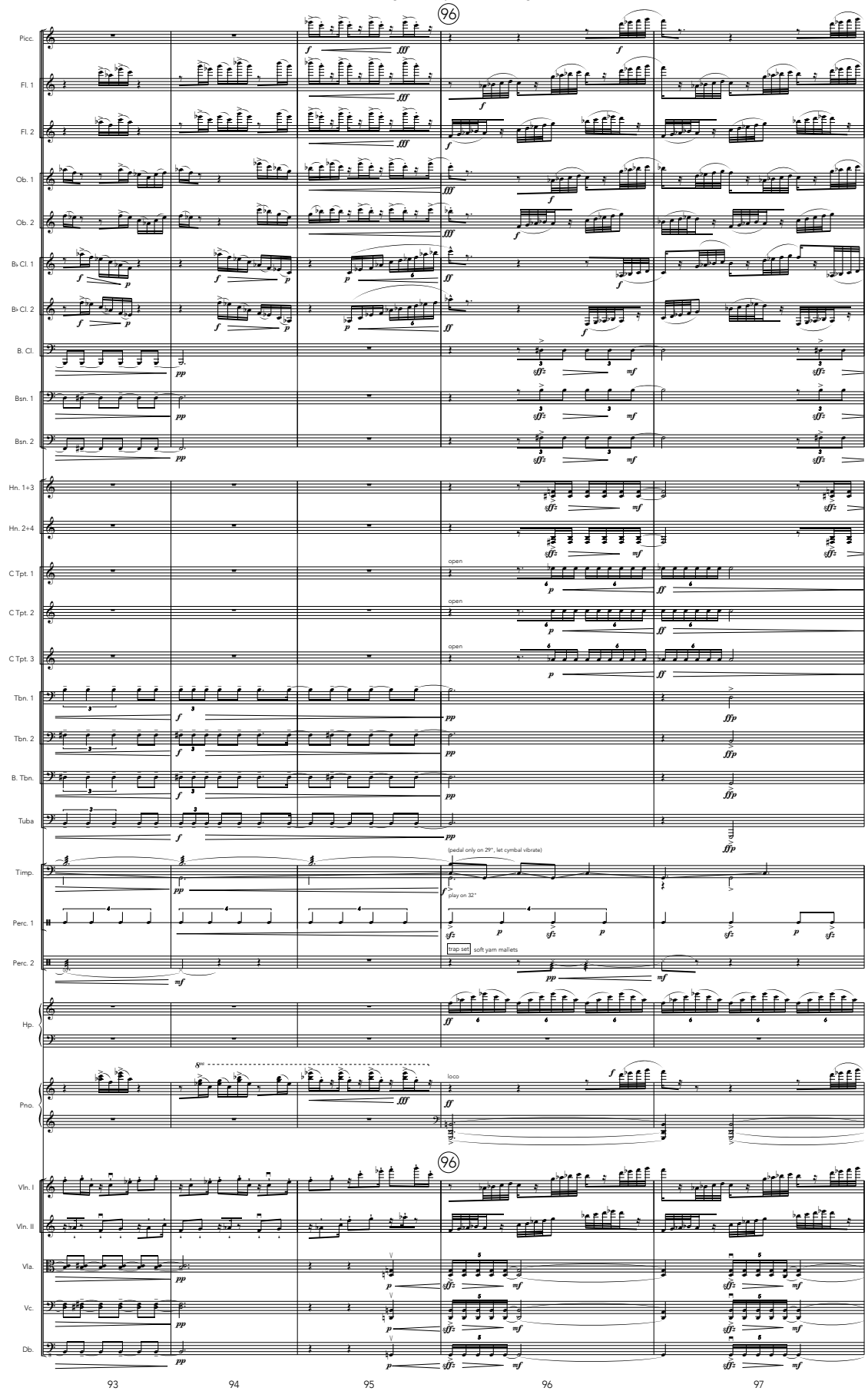

69
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
cresc. poco a poco
dim. poco a poco
sus. cymbal on 28° timpani
2 soft yarn mallets on cymbal
bass drum
tam-tam
68
69
70
71
72

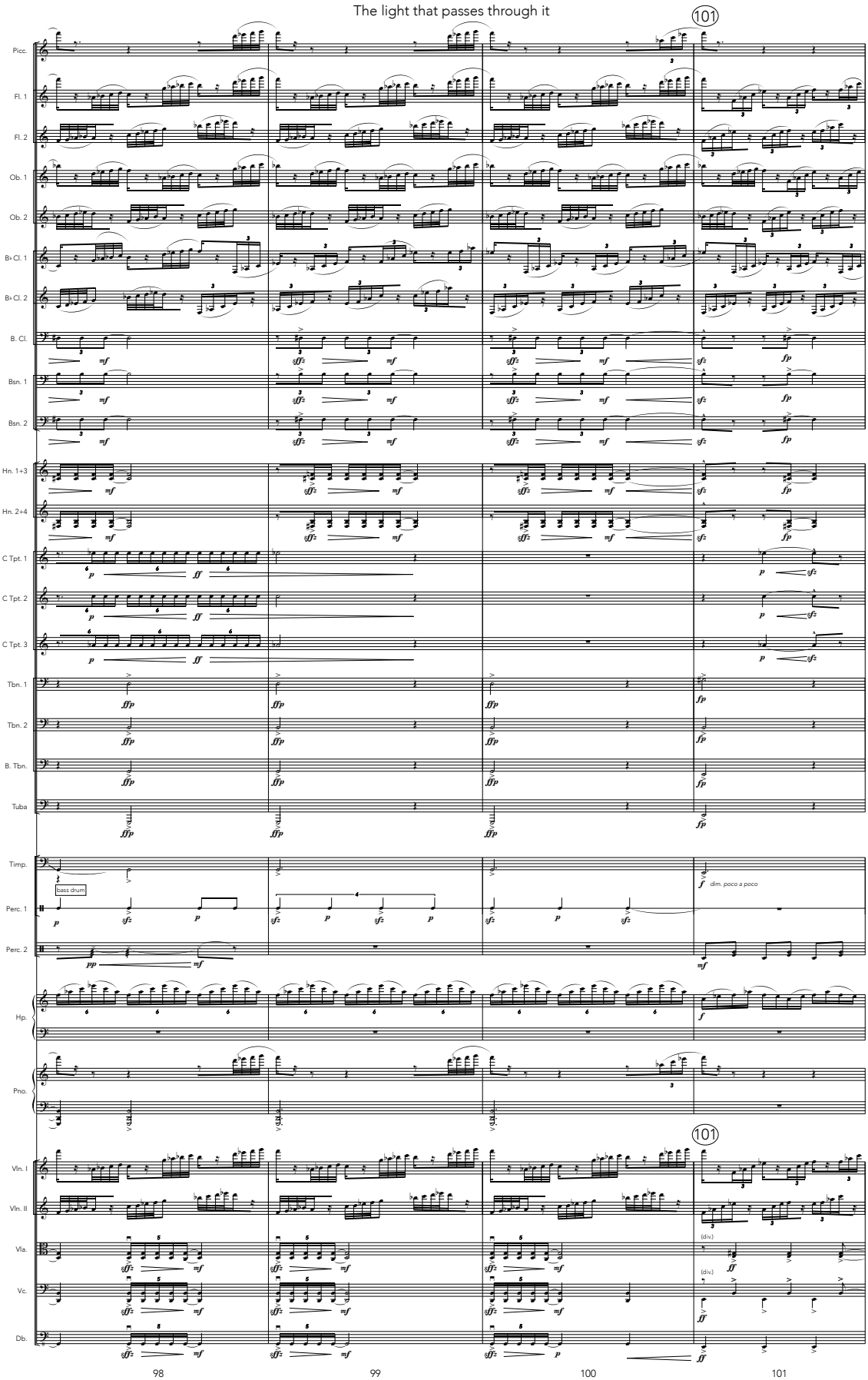

74
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
mf
dim. poco a poco
p
cresc. poco a poco
pp
straight mute
harmon mute (stem removed)
mp
cresc.
ppp
f
73
74
75
76
77

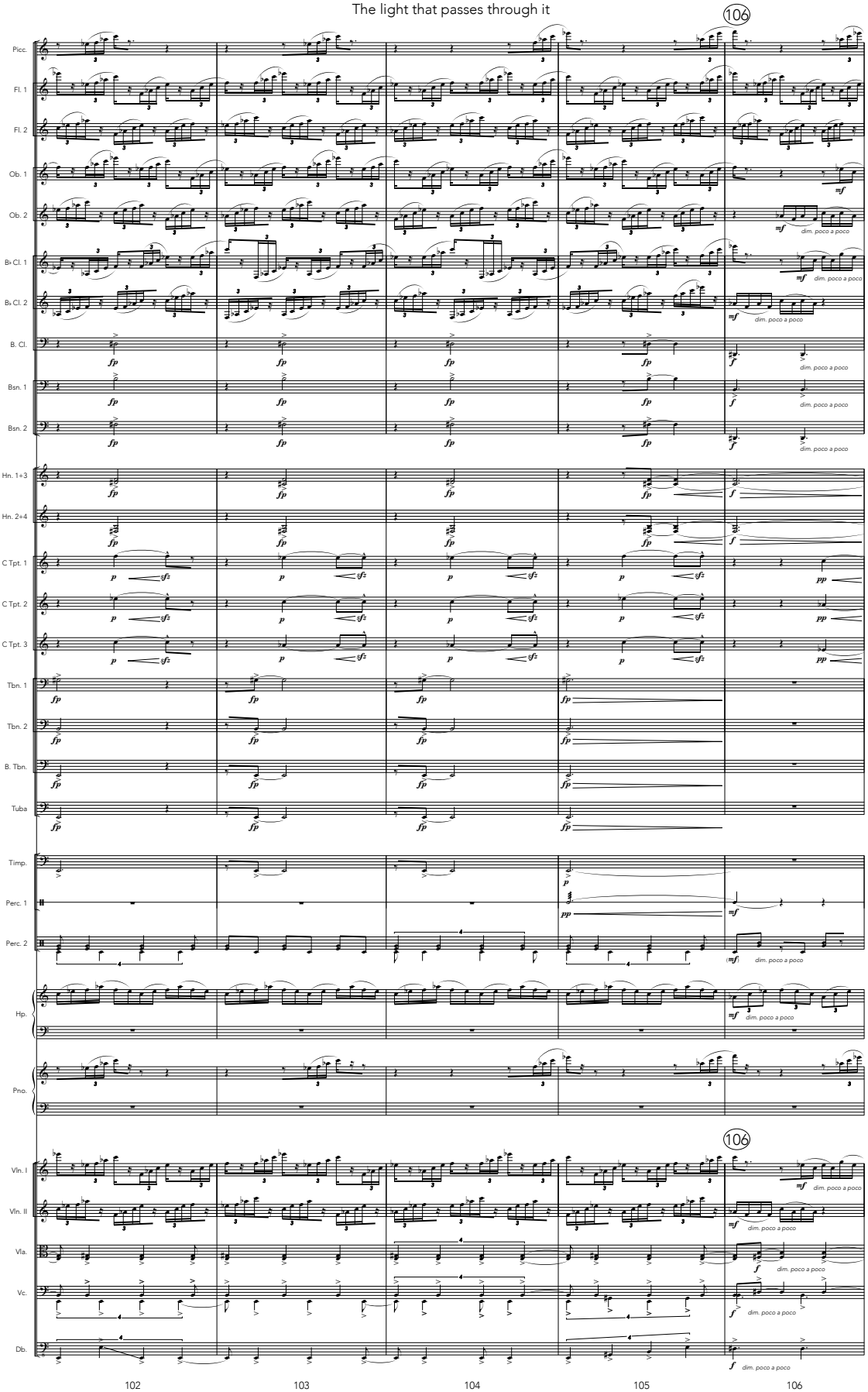

79
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
bass drum
tam-tam
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
cresc. poco a poco
dim. poco a poco
78
79
80
81
82

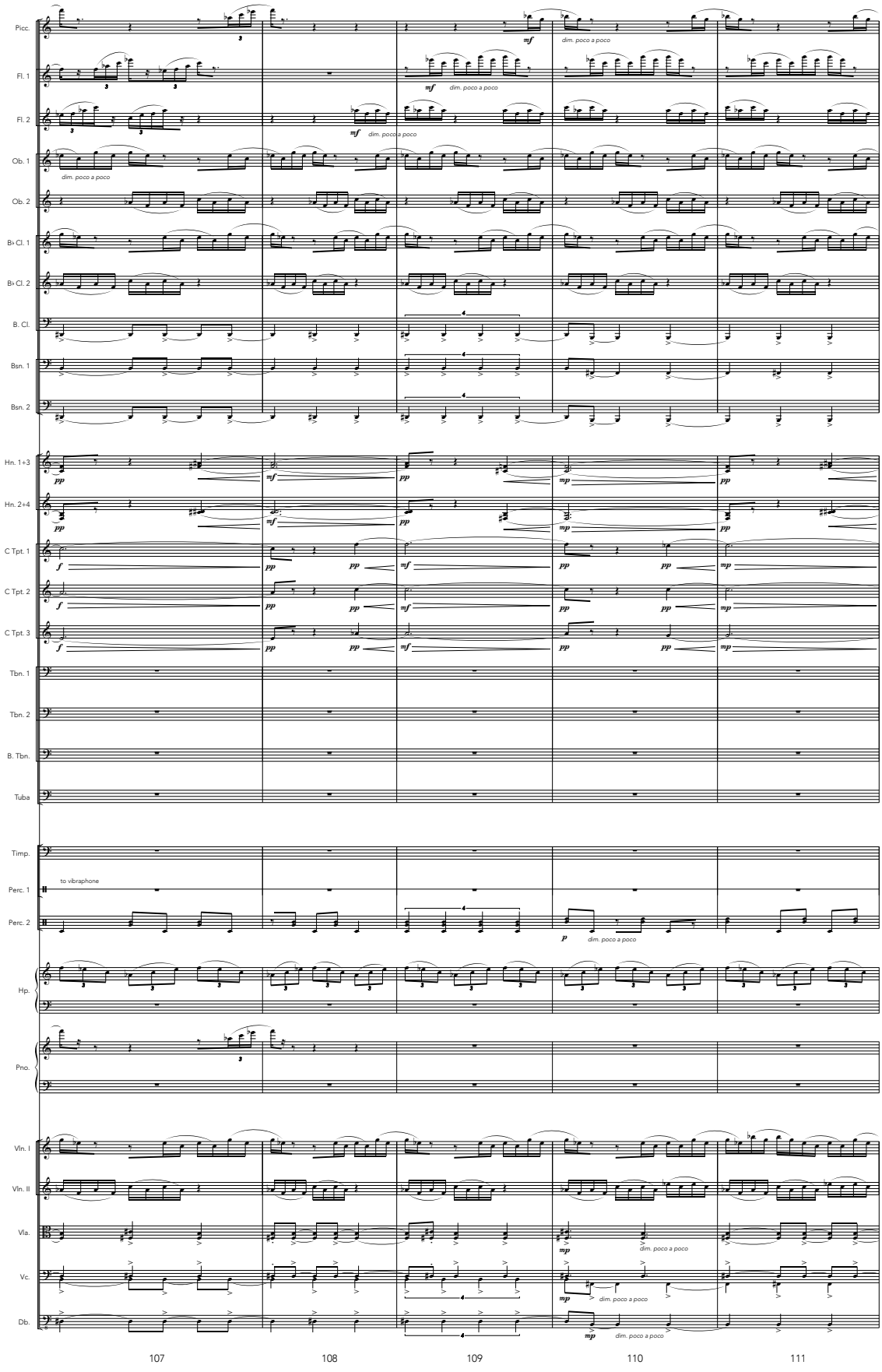

87
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
mf dim. poco a poco
mf dim.
p cresc. poco a poco
pp
f
mp
ppp
remove mute
cresc.
83
84
85
86
87

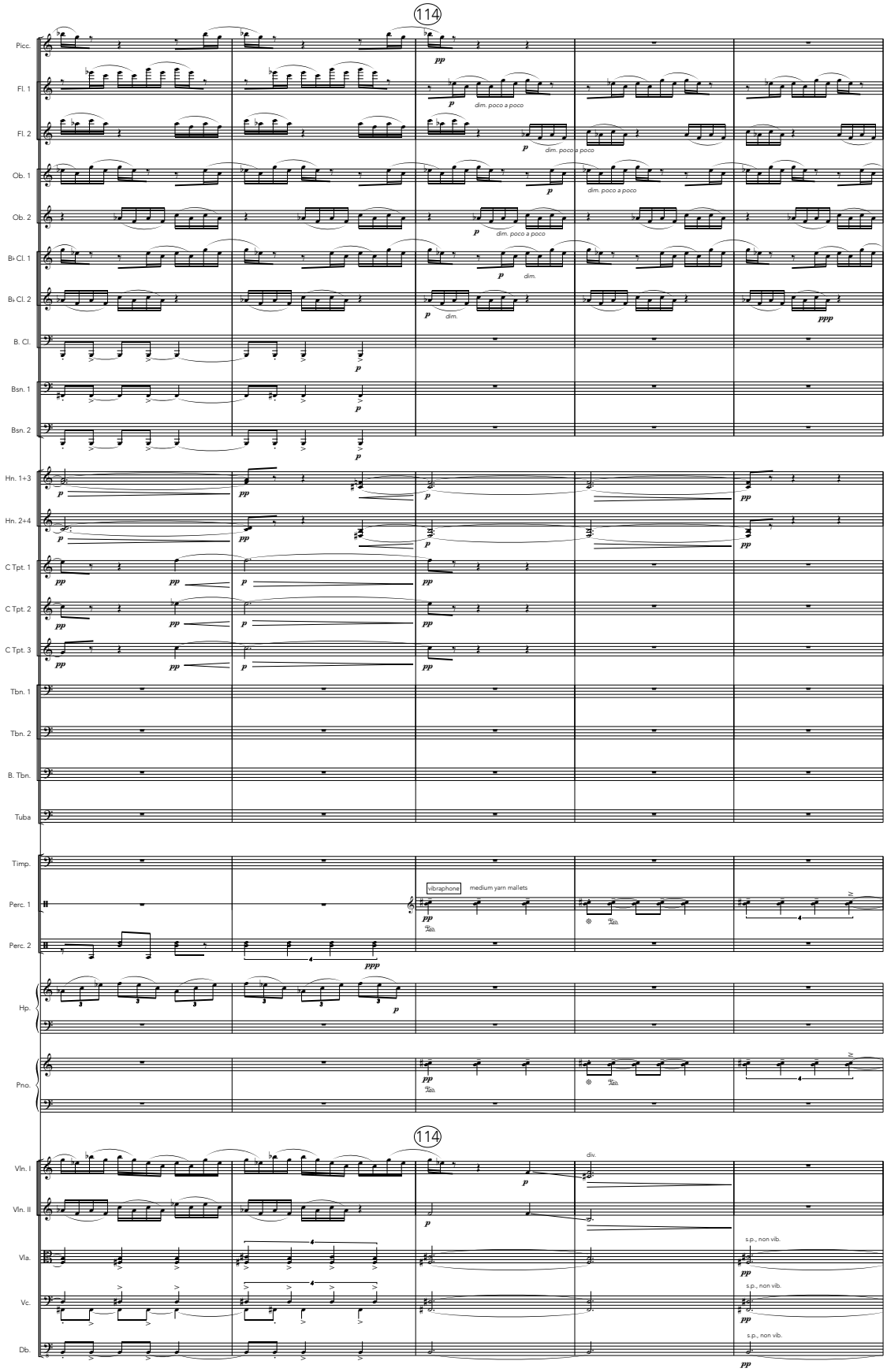

92
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
remove mute
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
bass drum
tam-tam
Perc. 2
Hp.
Pno.
92
Vln. I
Vln. II
Vla.
Vc.
Db.
88
89
90
91
92

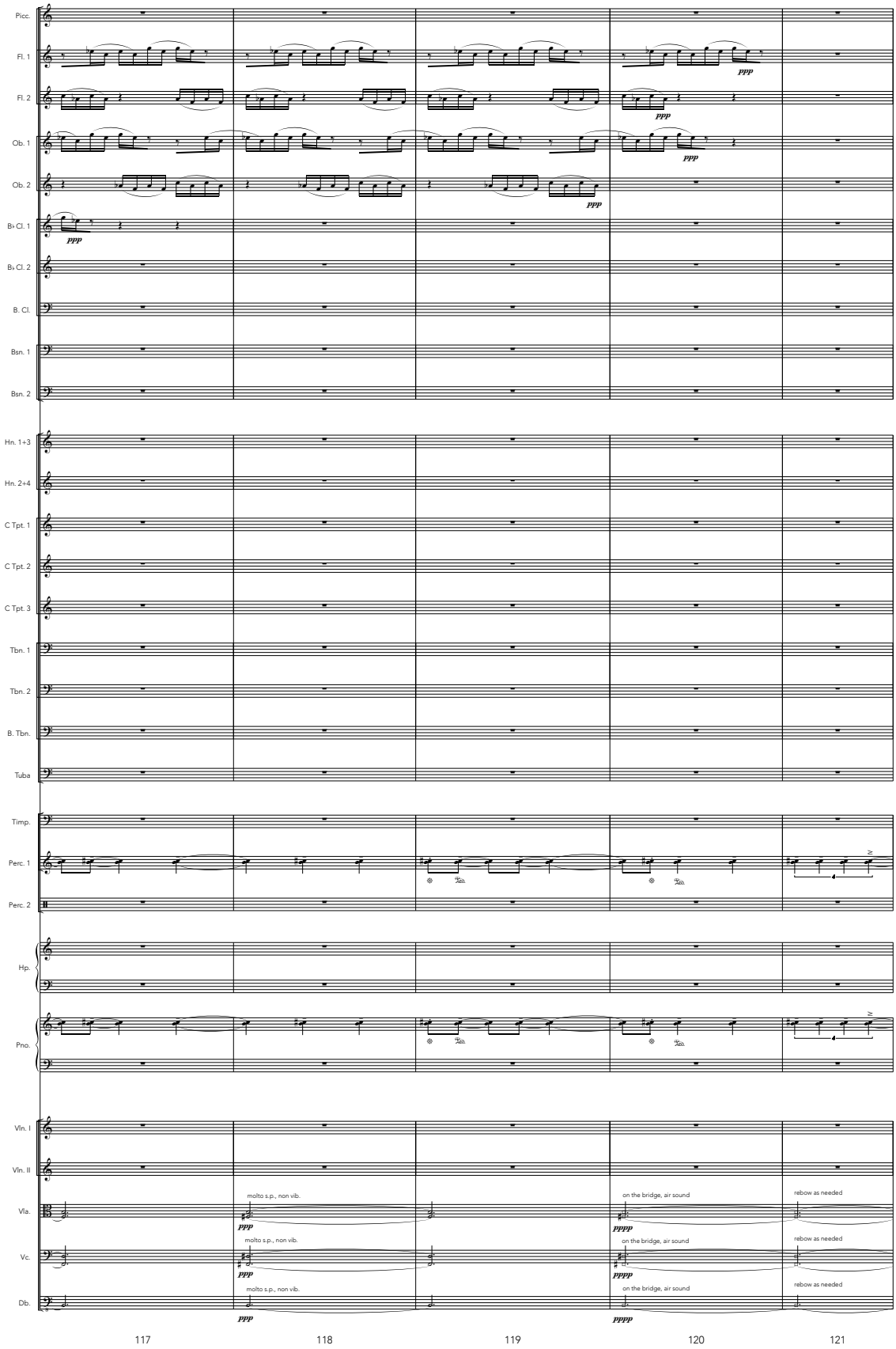

96
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
open
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
(pedal only on 29th, let cymbal vibrate)
play on 32nd
Perc. 1
Perc. 2
trap set
soft yarn mallets
Hp.
Pno.
loco
96
Vln. I
Vln. II
Vla.
Vc.
Db.
93
94
95
96
97

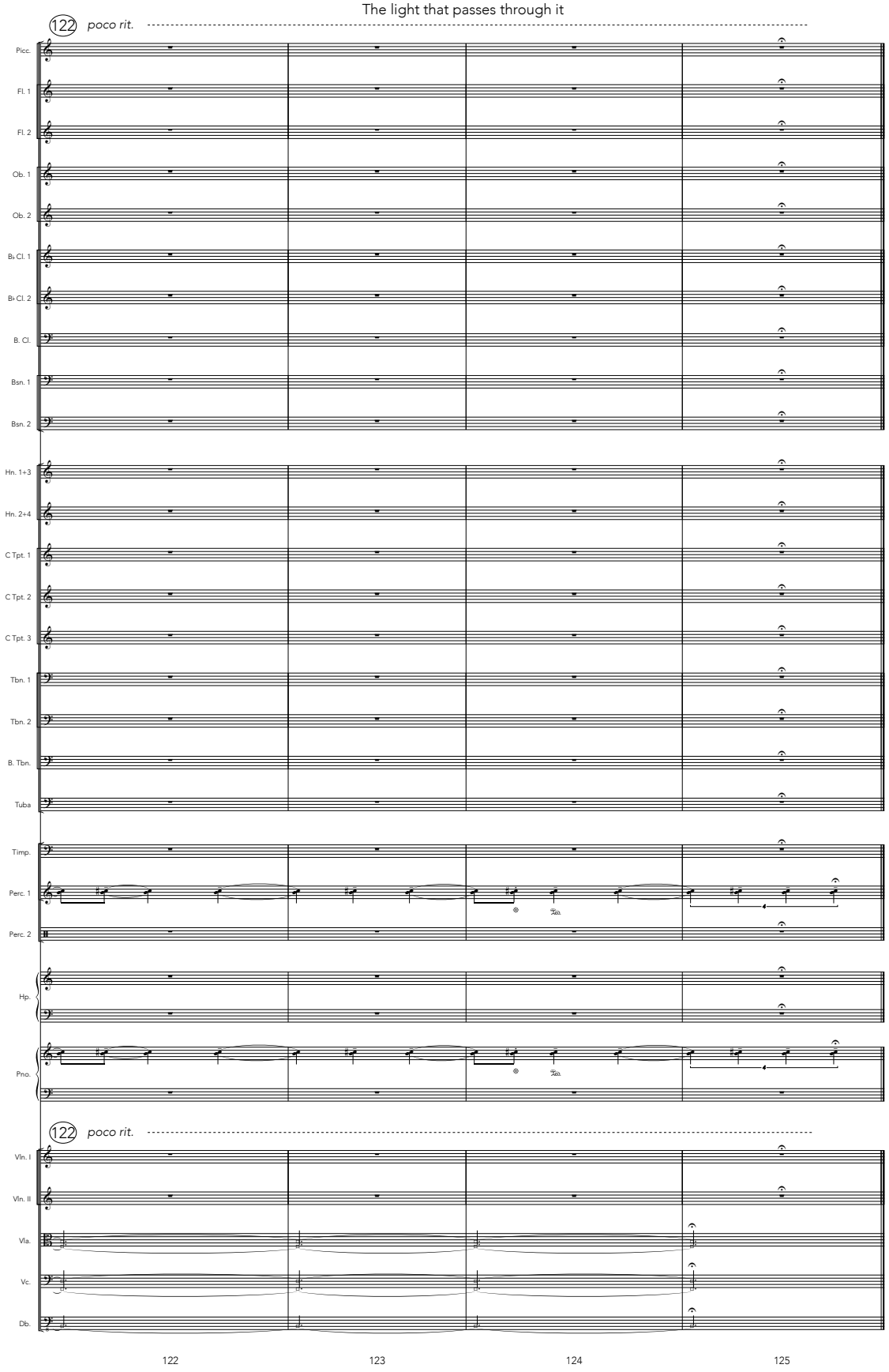

101
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
bass drum
dim. poco a poco
Hp.
Pno.
101
Vln. I
Vln. II
Vla.
Vc.
Db.
(div.)
(div.)
98
99
100
101


106
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
mf
dim. poco a poco
fp
sfz
p
pp
f
102
103
104
105
106

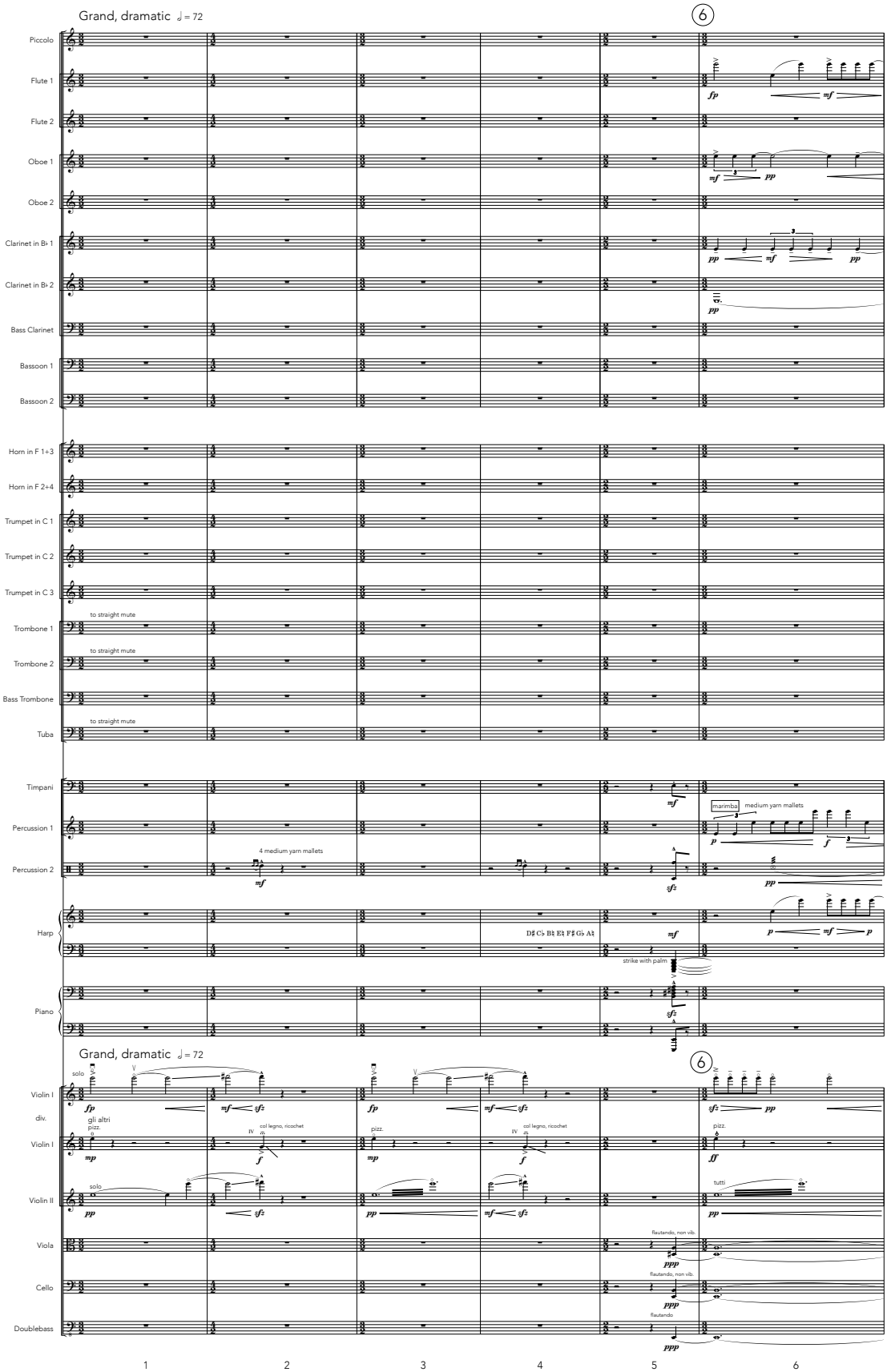

Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
to vibraphone
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
dim. poco a poco
107
108
109
110
111

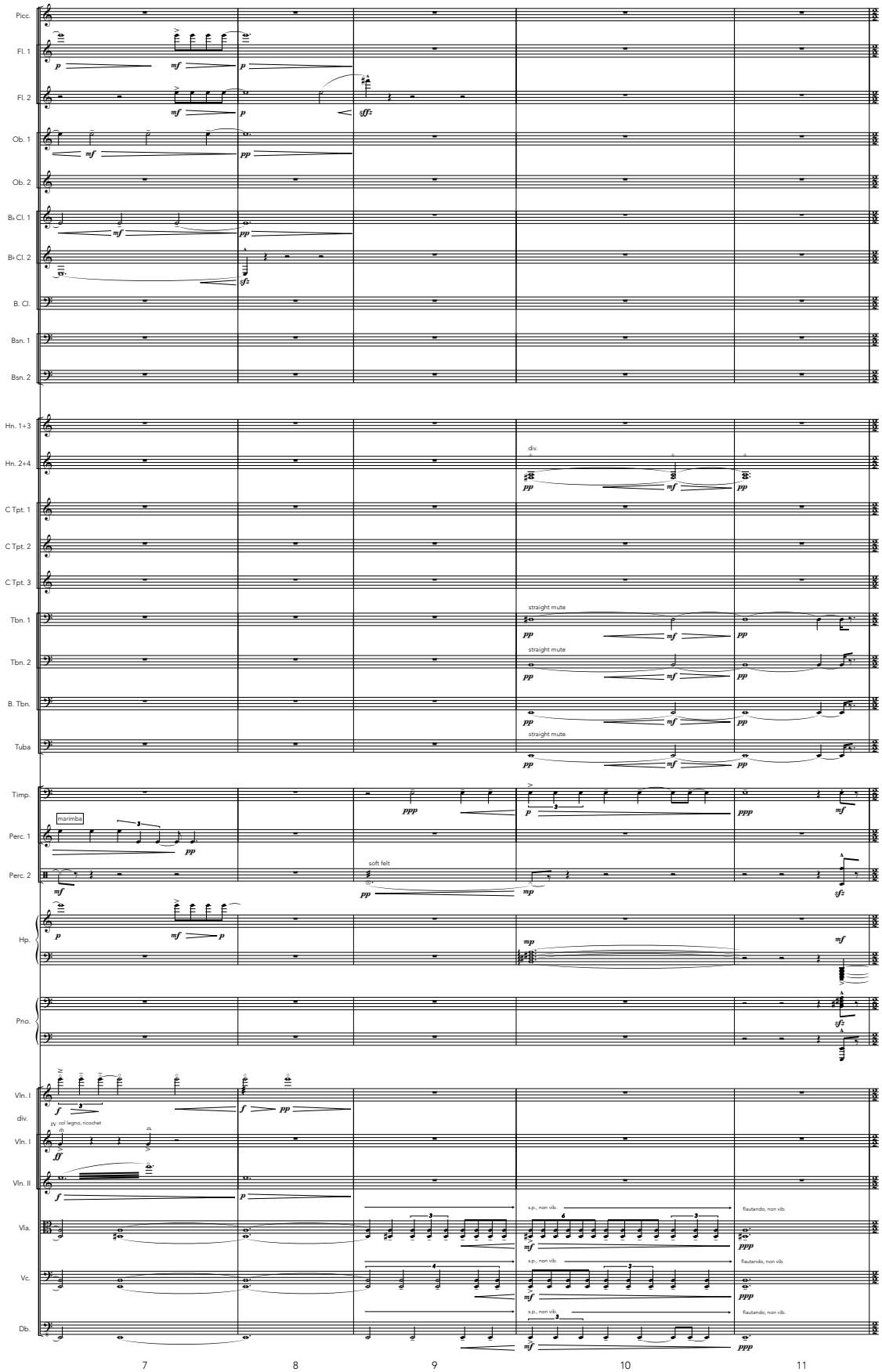

114
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
dim. poco a poco
dim.
vibraphone
medium yarn mallets
div.
s.p., non vib.
112
113
114
115
116

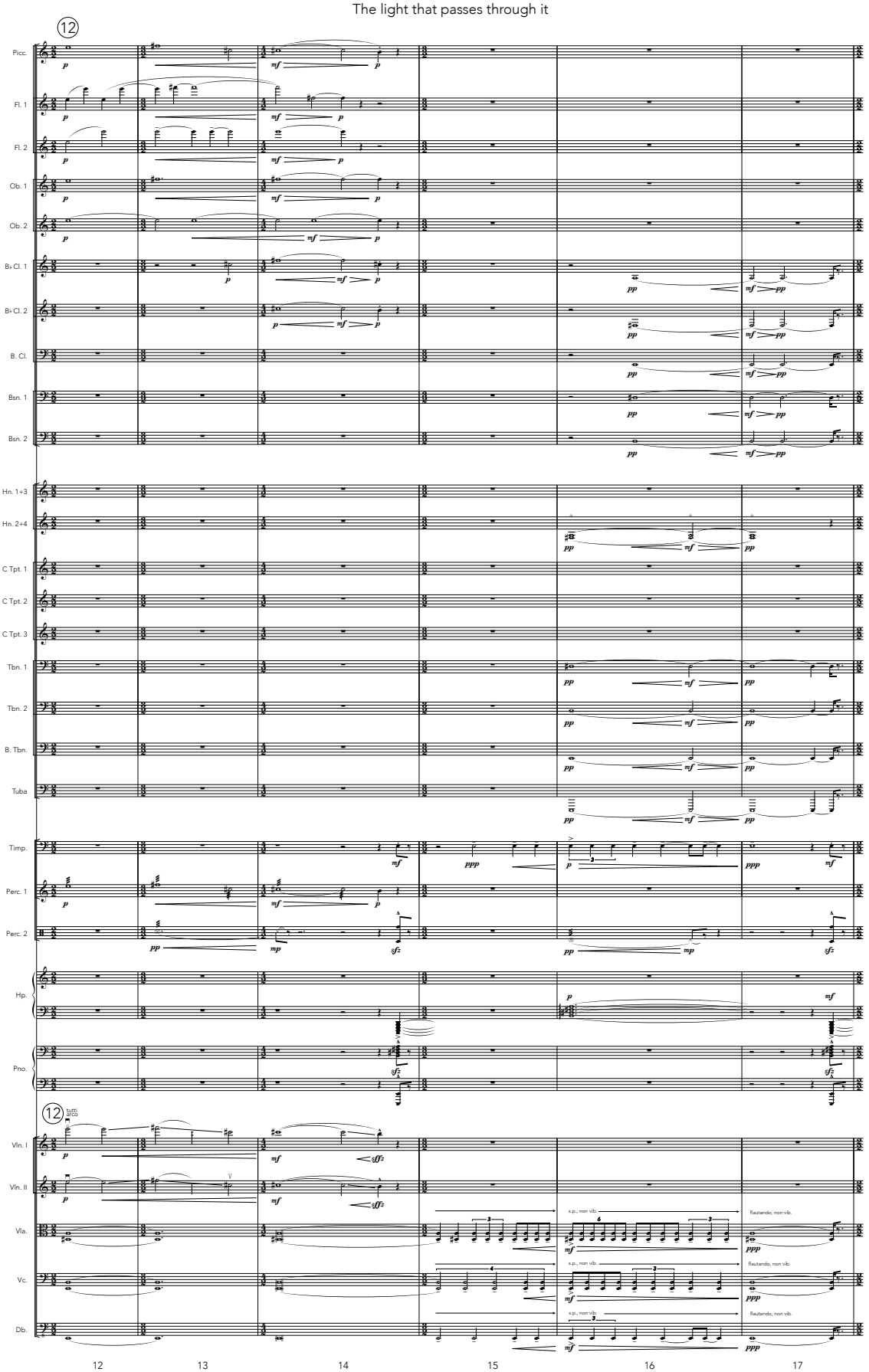

Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
ppp
pppp
molto s.p., non vib.
on the bridge, air sound
rebow as needed
117
118
119
120
121

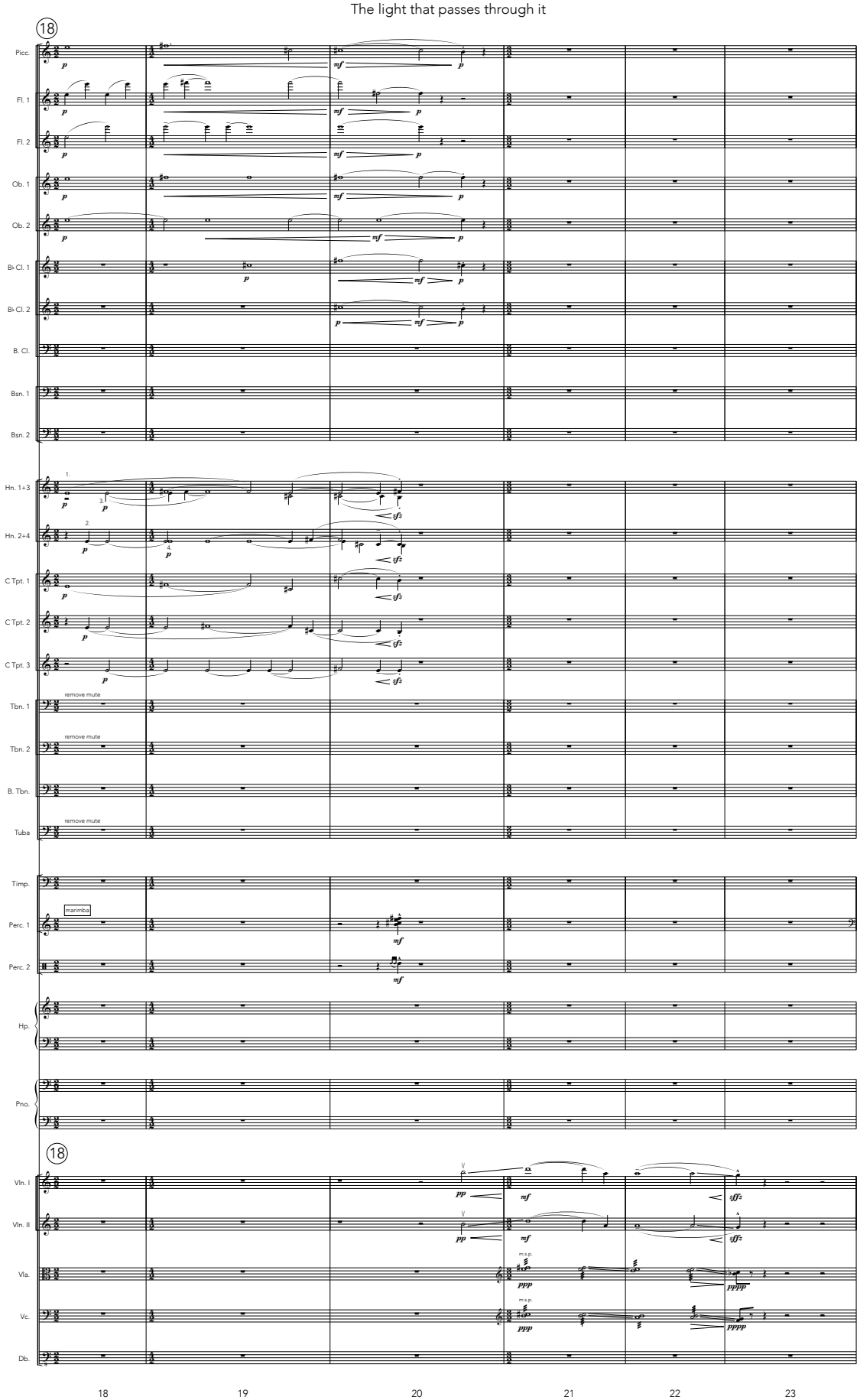

122
poco rit.
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
122
poco rit.
Vln. I
Vln. II
Vla.
Vc.
Db.
122
123
124
125

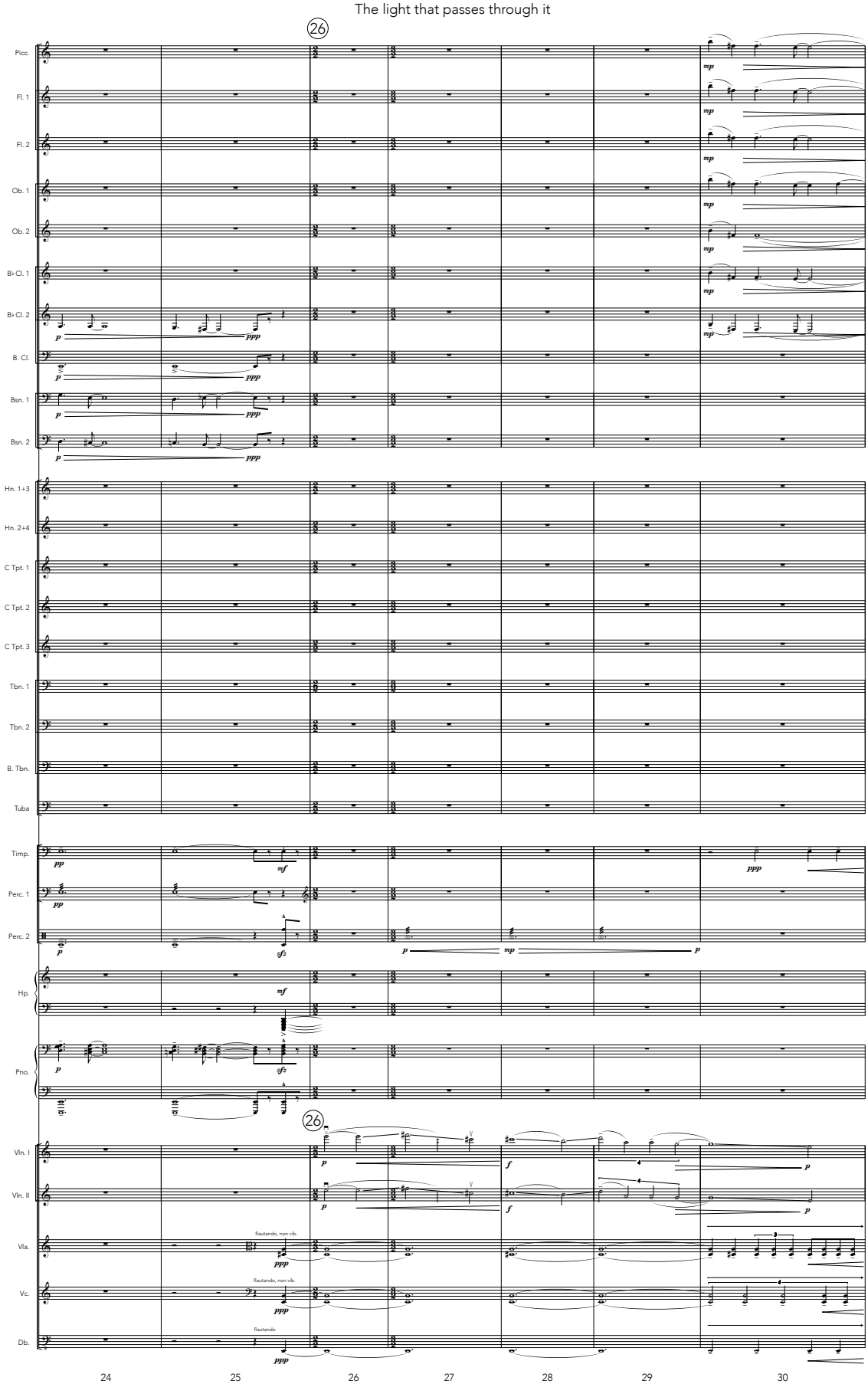
III. Niijima Floats

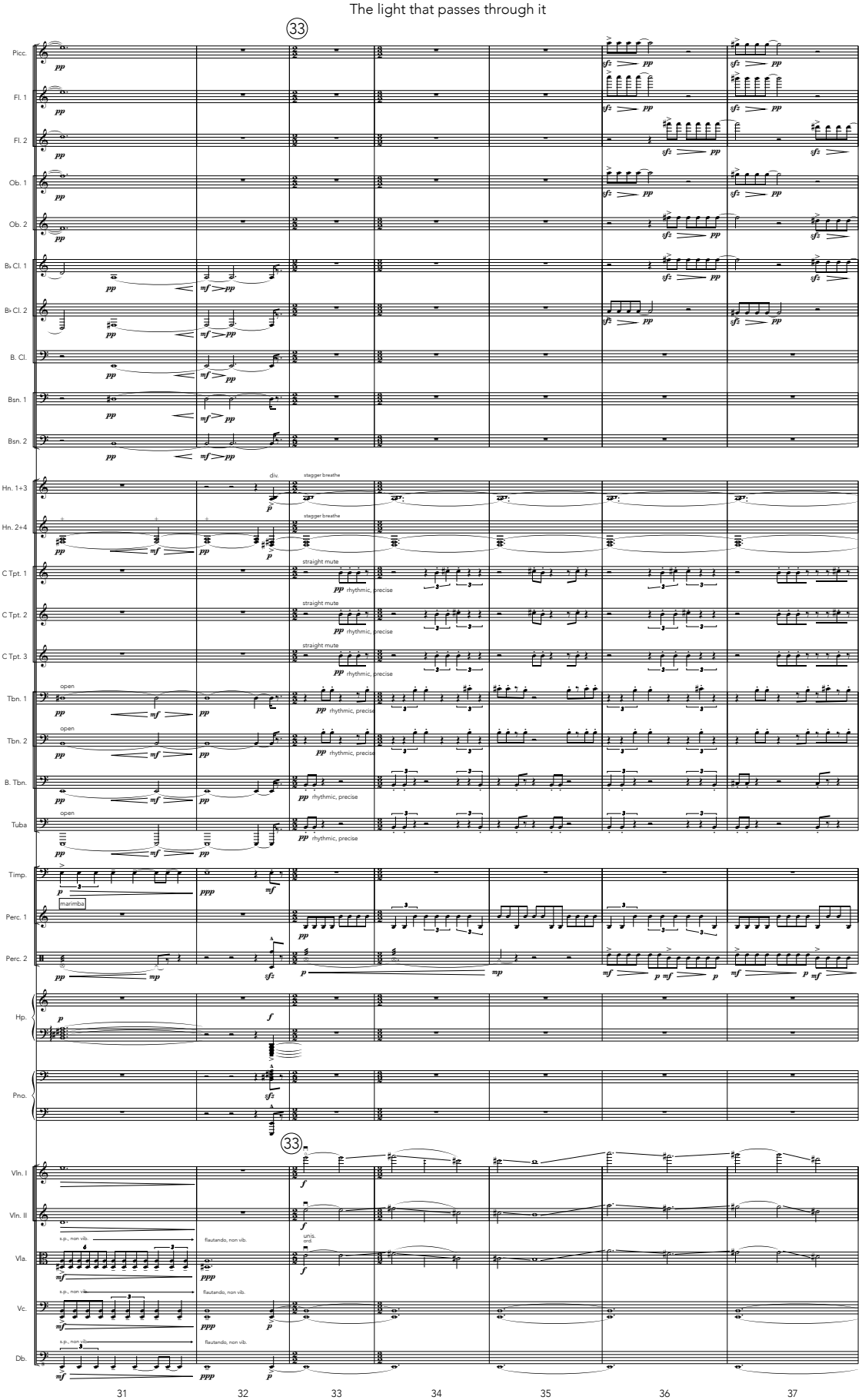


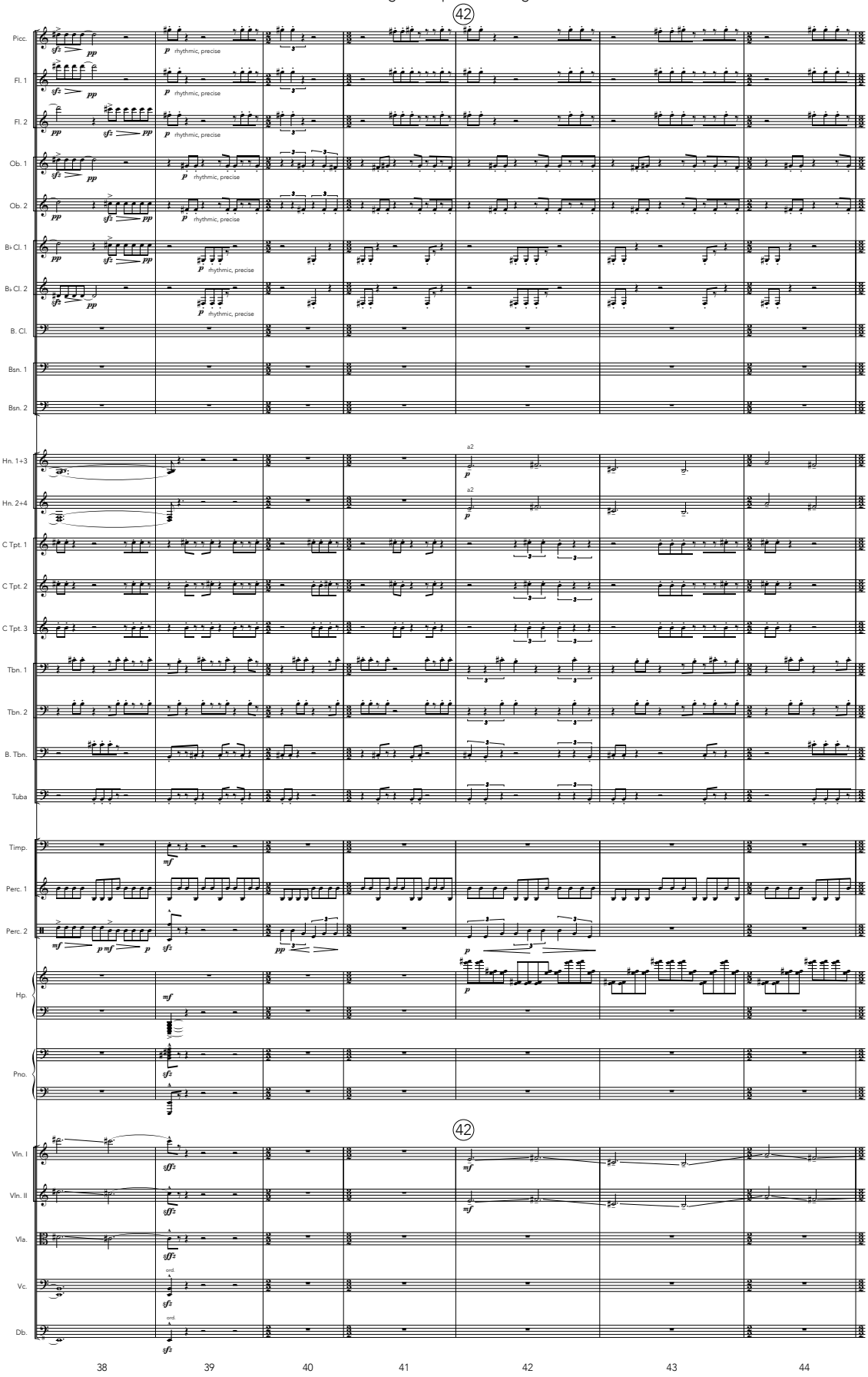

Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
div.
C Tpt. 1
C Tpt. 2
C Tpt. 3
straight mute
Tbn. 1
straight mute
Tbn. 2
straight mute
B. Tbn.
Tuba
Timp.
marimba
Perc. 1
soft felt
Perc. 2
Hp.
Pno.
Vln. I
div.
col legno, ricochet
Vln. I
Vln. II
Vla.
s.p., non vib.
flautando, non vib.
Vc.
s.p., non vib.
flautando, non vib.
Db.
s.p., non vib.
flautando, non vib.
7
8
9
10
11

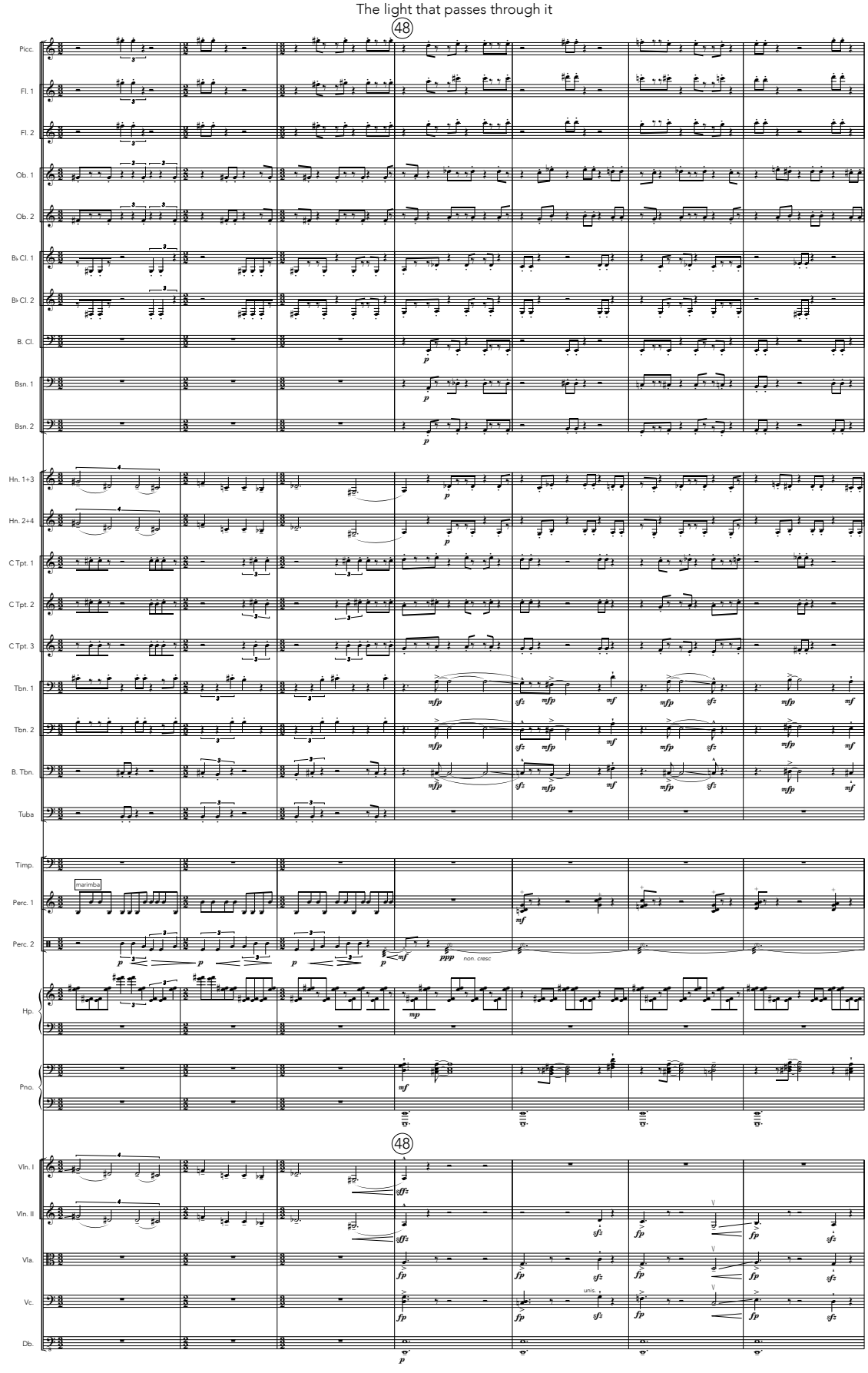

12
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
12
tutti
arco
Vln. I
Vln. II
Vla.
Vc.
Db.
s.p., non vib.
flautando, non vib.
12
13
14
15
16
17

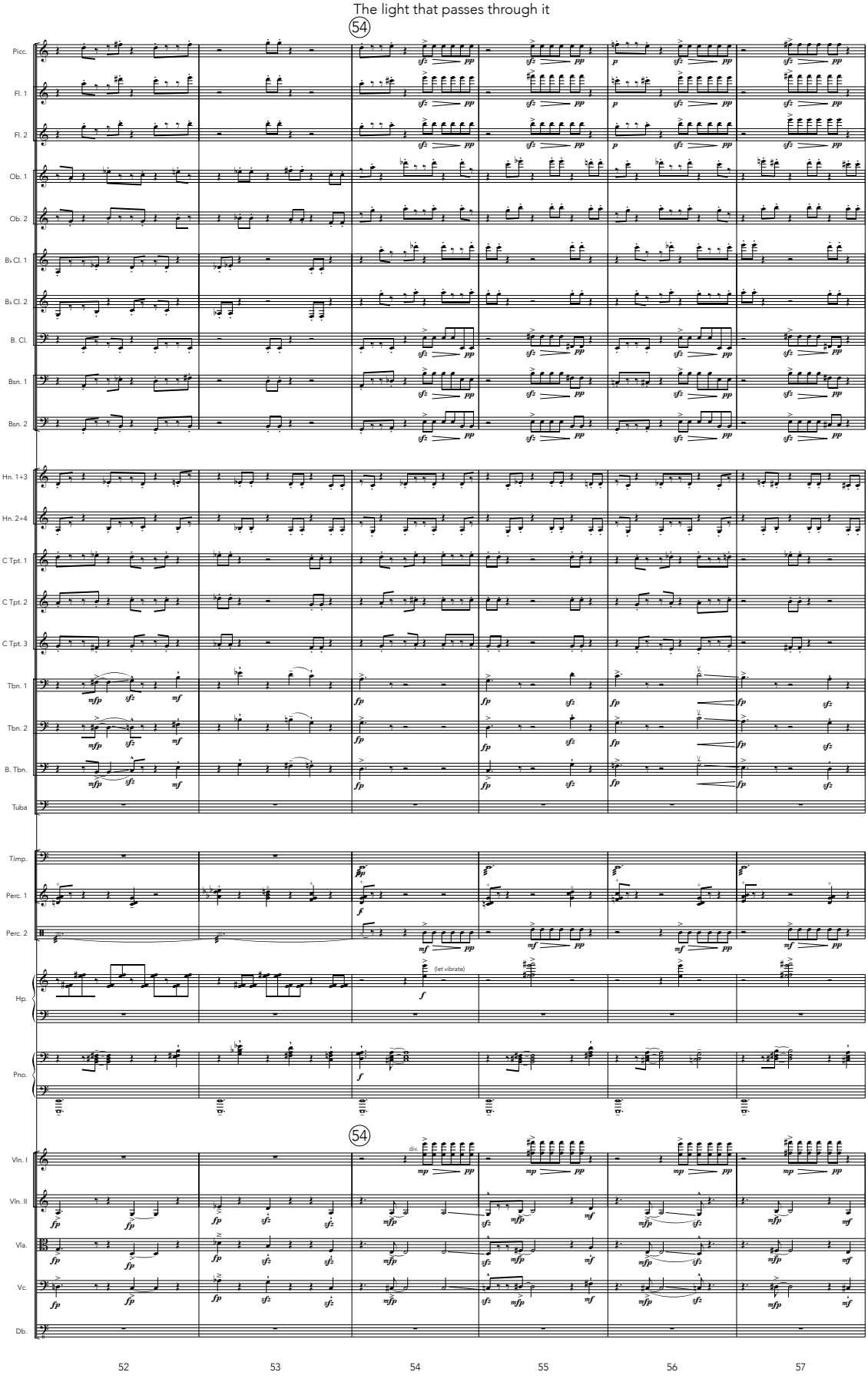

18
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
remove mute
Timp.
Perc. 1
Perc. 2
marimba
Hp.
Pno.
18
Vln. I
Vln. II
Vla.
Vc.
Db.
m.s.p.
18
19
20
21
22
23

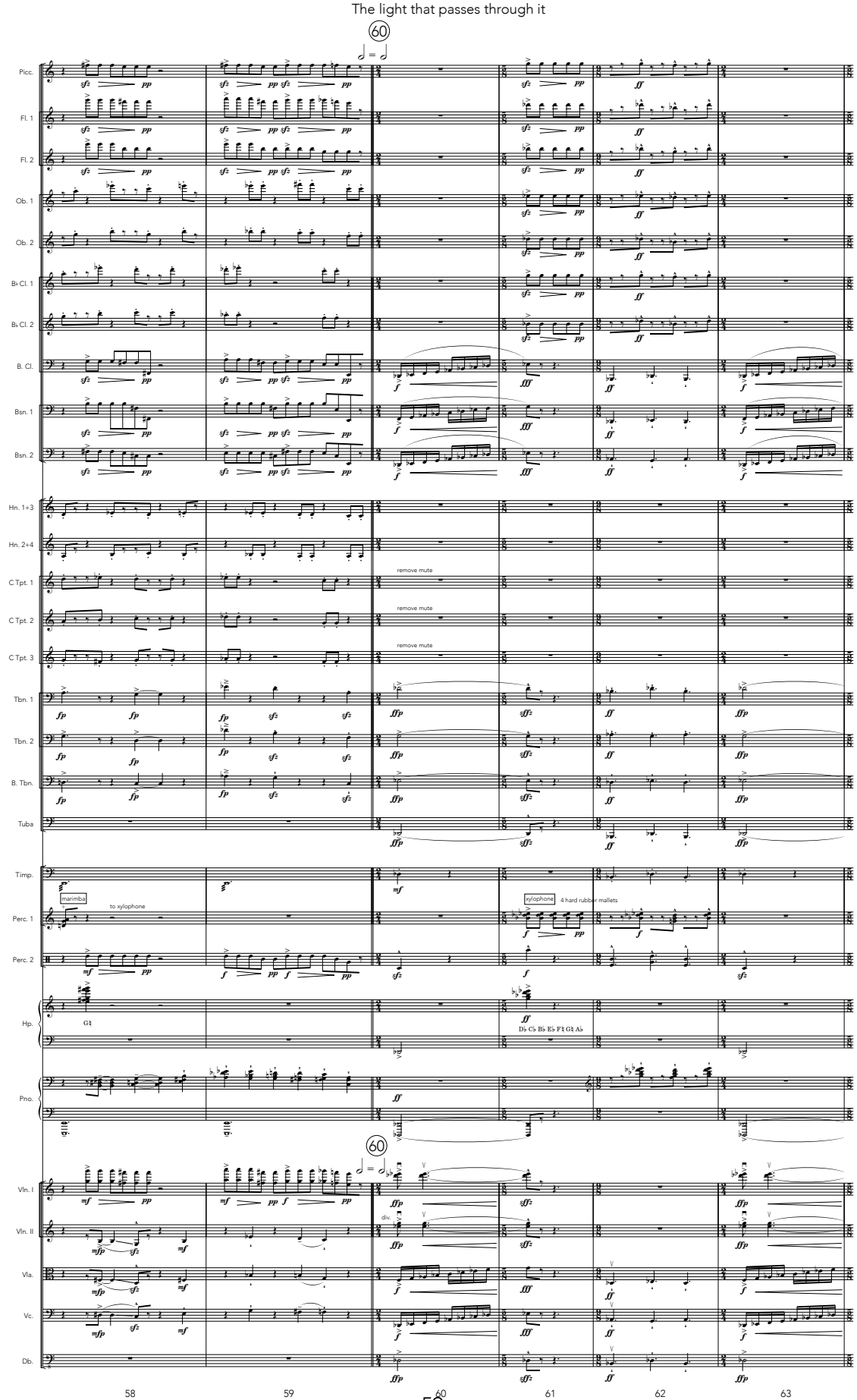

26
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
26
Vln. I
Vln. II
Vla.
flautando, non vib.
Vc.
flautando, non vib.
Db.
flautando
24
25
26
27
28
29
30

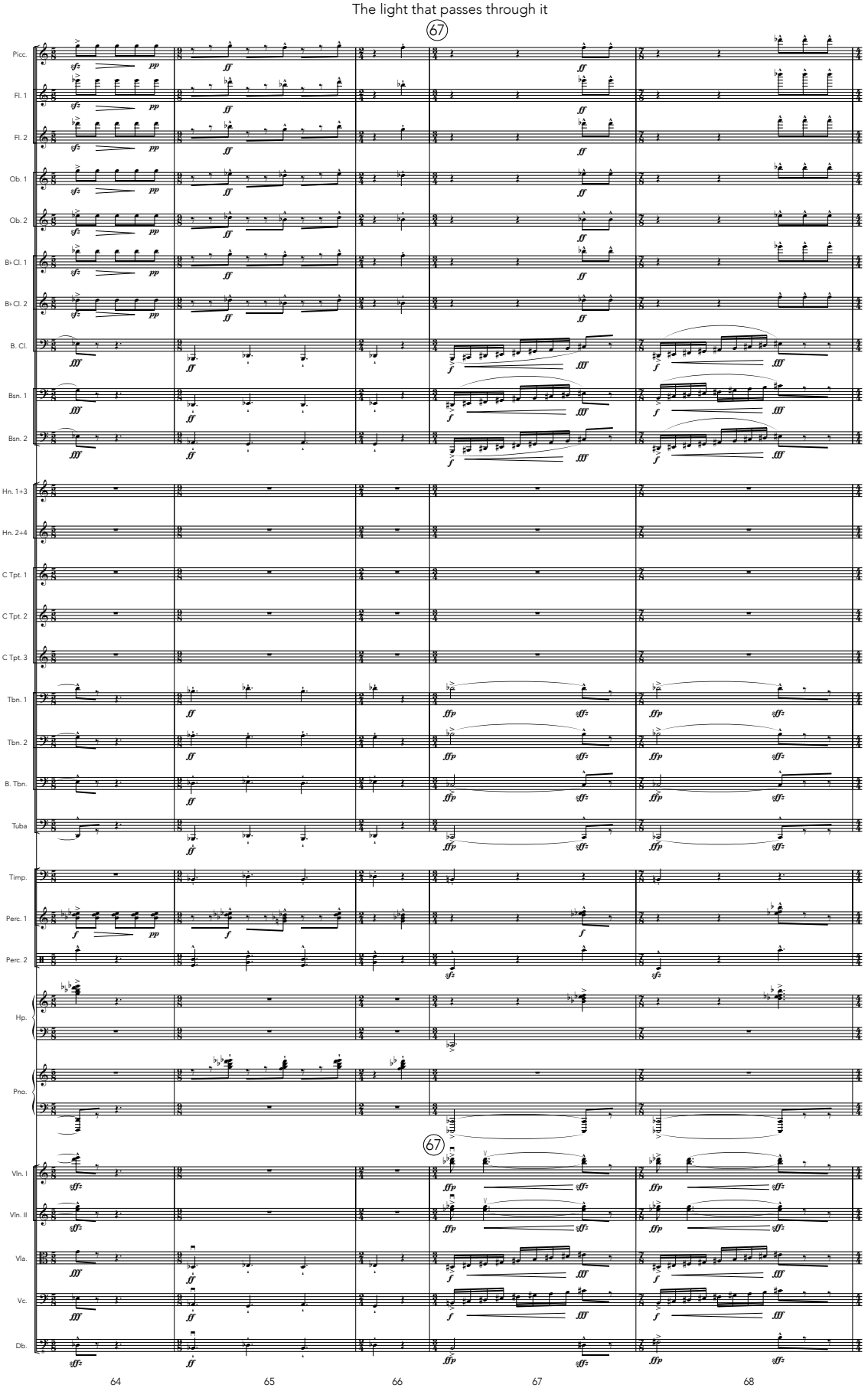

33
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
div.
stagger breathe
Hn. 2+4
stagger breathe
C Tpt. 1
straight mute
rhythmic, precise
C Tpt. 2
straight mute
rhythmic, precise
C Tpt. 3
straight mute
rhythmic, precise
Tbn. 1
open
rhythmic, precise
Tbn. 2
open
rhythmic, precise
B. Tbn.
rhythmic, precise
Tuba
open
rhythmic, precise
Timp.
marimba
Perc. 1
Perc. 2
Hp.
Pno.
33
Vln. I
Vln. II
Vla.
s.p., non vib.
flautando, non vib.
unis.
Vc.
s.p., non vib.
flautando, non vib.
Db.
s.p., non vib.
flautando, non vib.
31
32
33
34
35
36
37

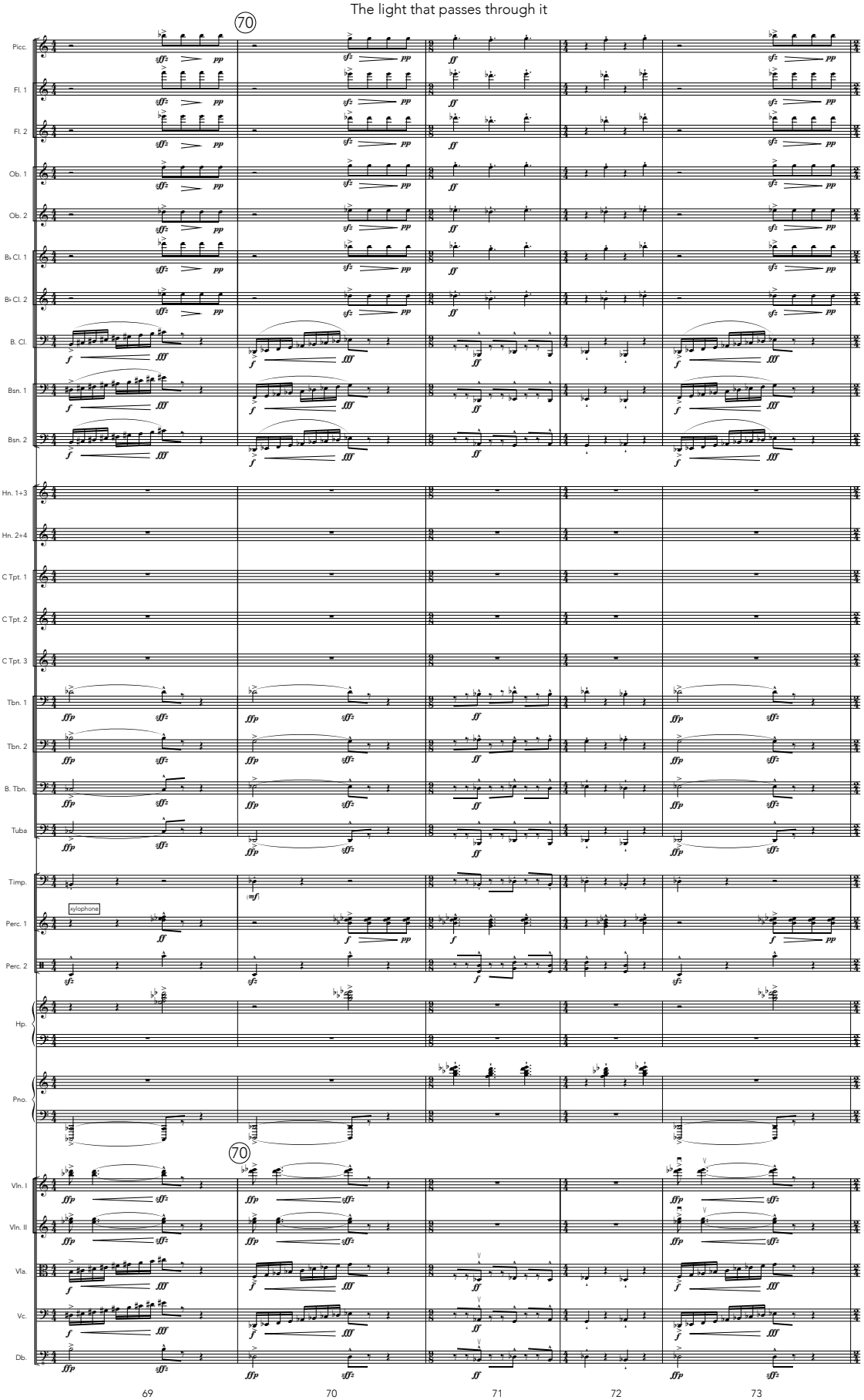

42
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
rhythmic, precise
a2
ord.
38
39
40
41
42
43
44

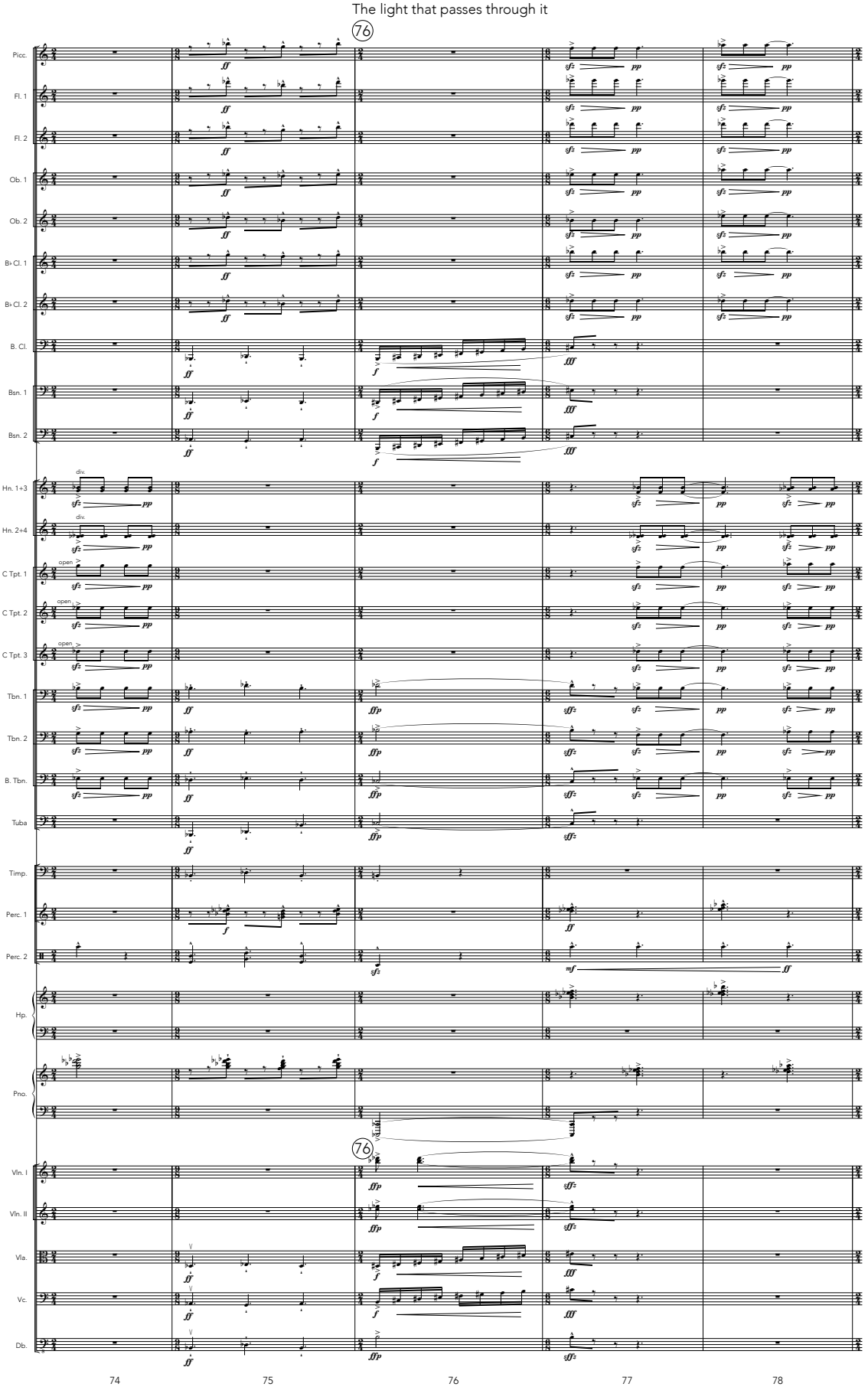

48
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
marimba
non. cresc
Hp.
Pno.
48
Vln. I
Vln. II
Vla.
Vc.
Db.
unis.
45
46
47
48
49
50
51

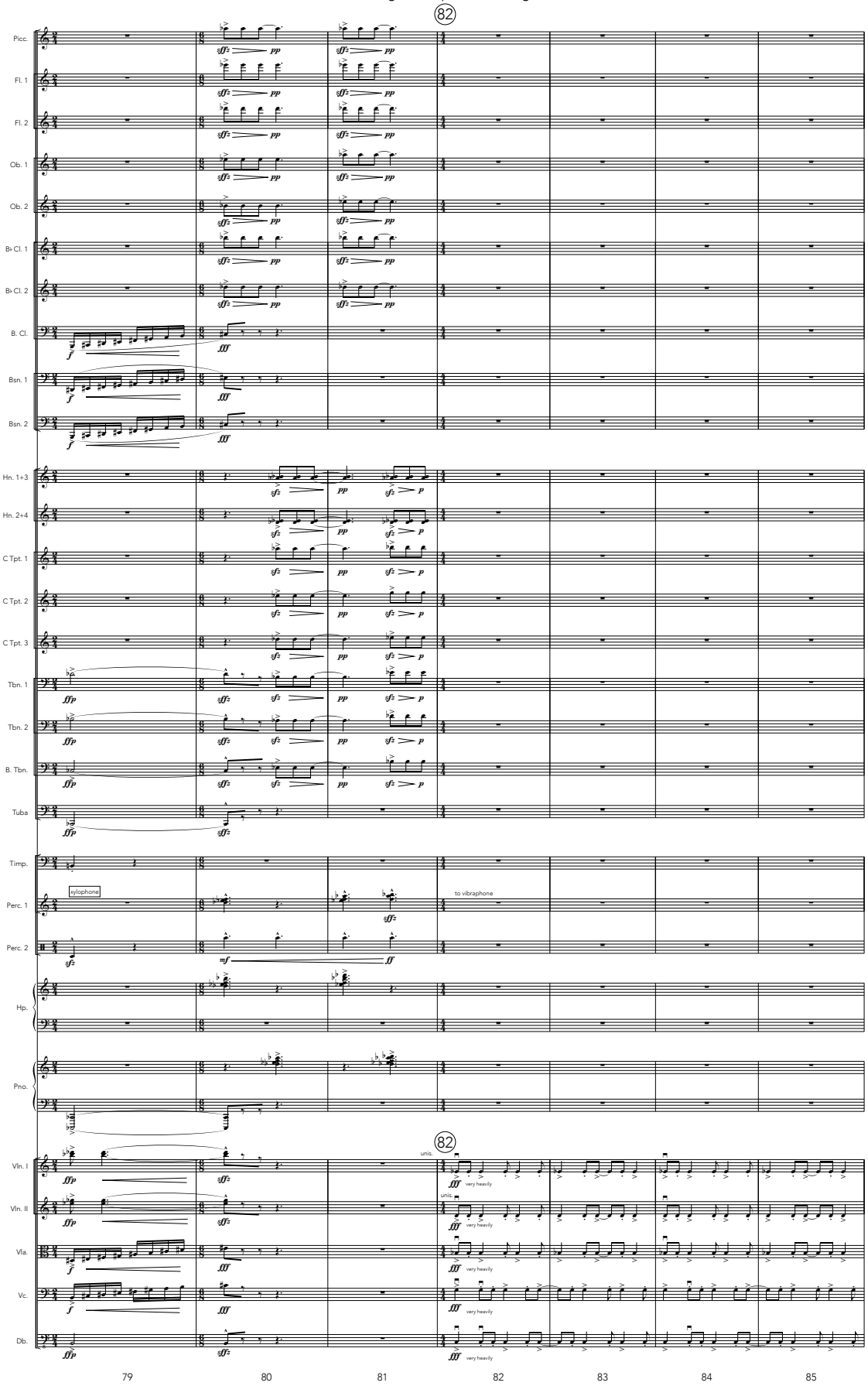

54
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
(let vibrate)
Pno.
54
div.
Vln. I
Vln. II
Vla.
Vc.
Db.
52
53
54
55
56
57

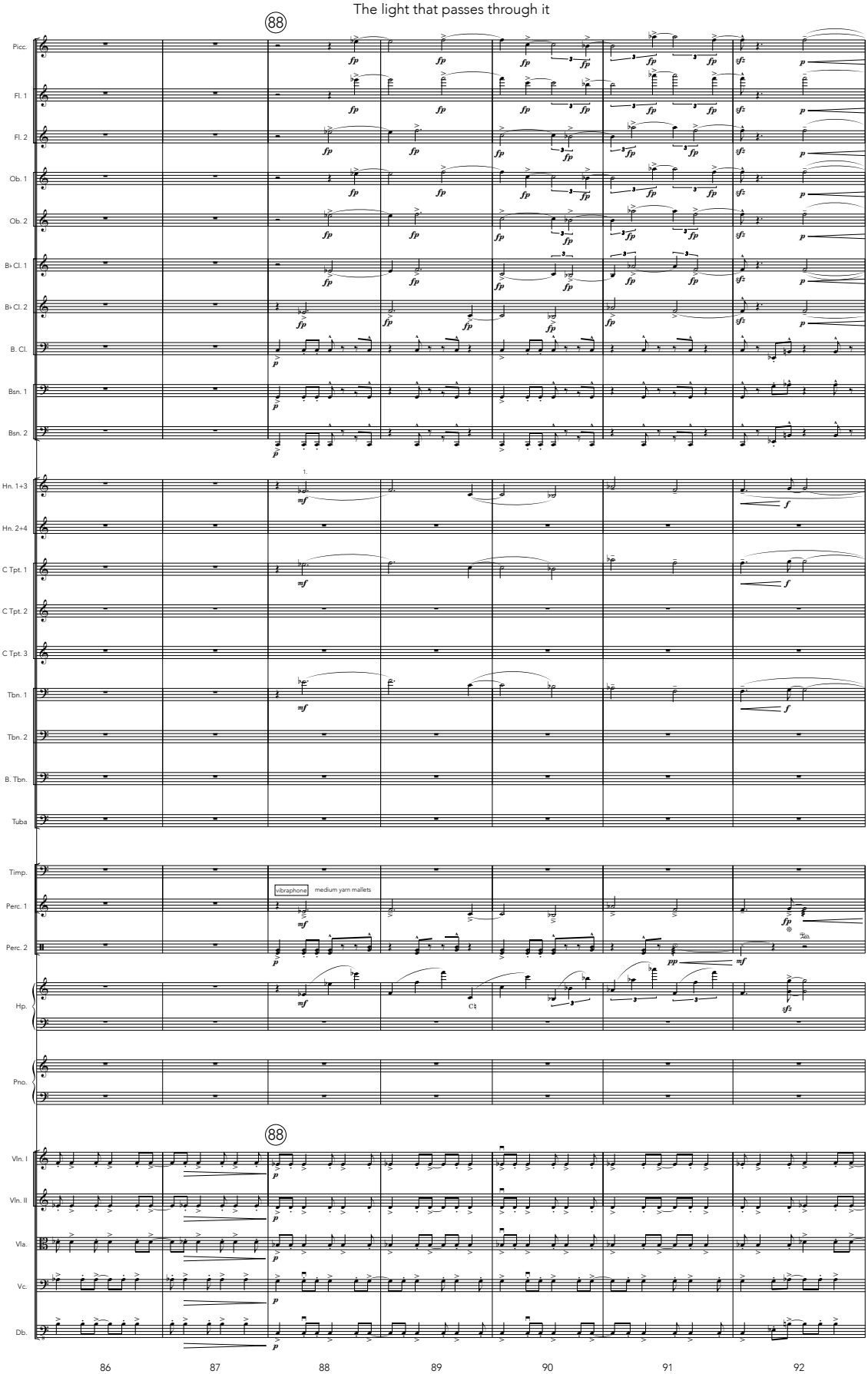

60
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
remove mute
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
marimba
to xylophone
xylophone
4 hard rubber mallets
Hp.
G♮
D♭ C♭ B♭ E♭ F♮ G♮ A♭
Pno.
60
Vln. I
Vln. II
Vla.
Vc.
Db.
div.
58
59
60
61
62
63

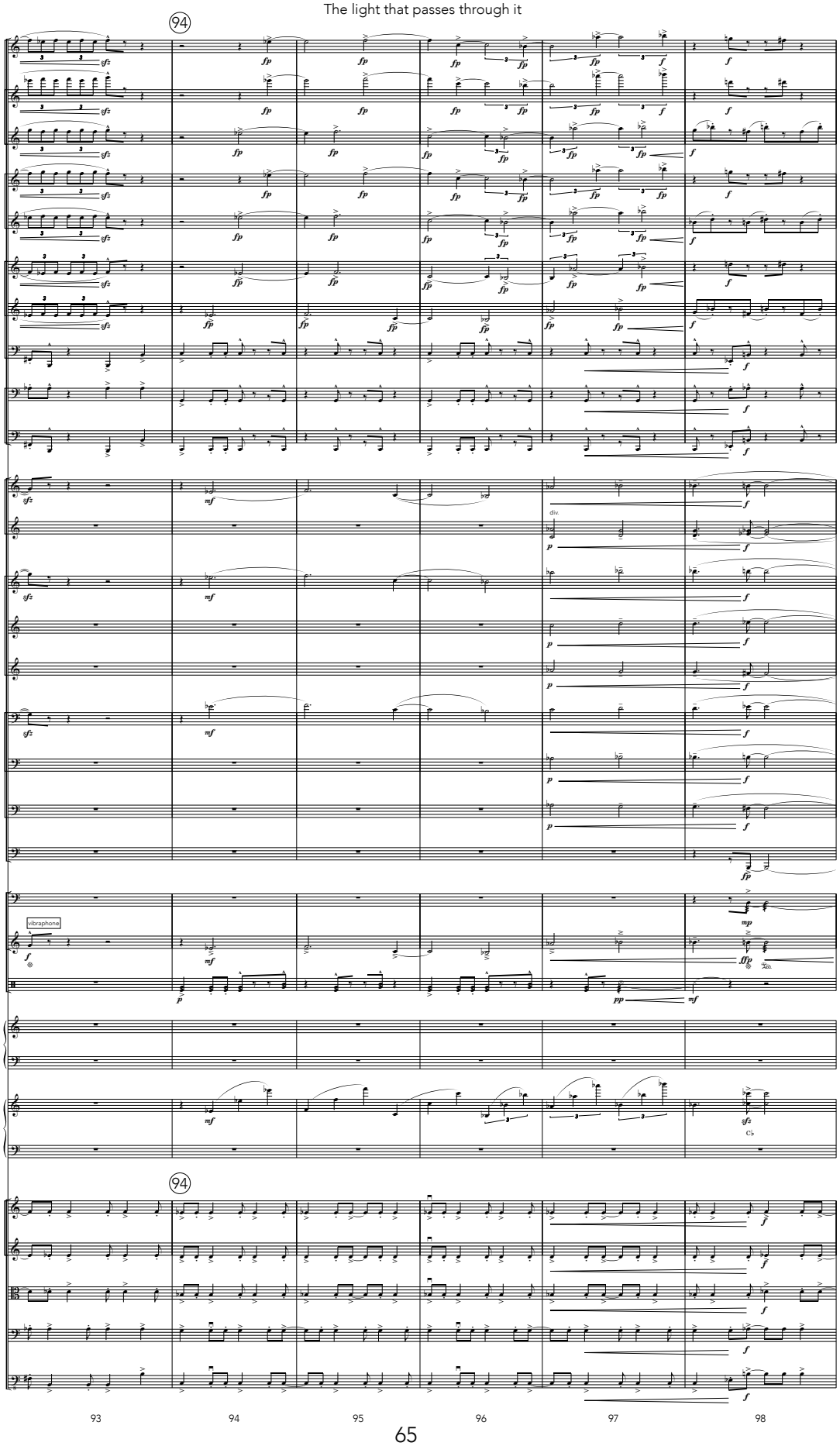

67
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
67
Vln. I
Vln. II
Vla.
Vc.
Db.
64
65
66
67
68

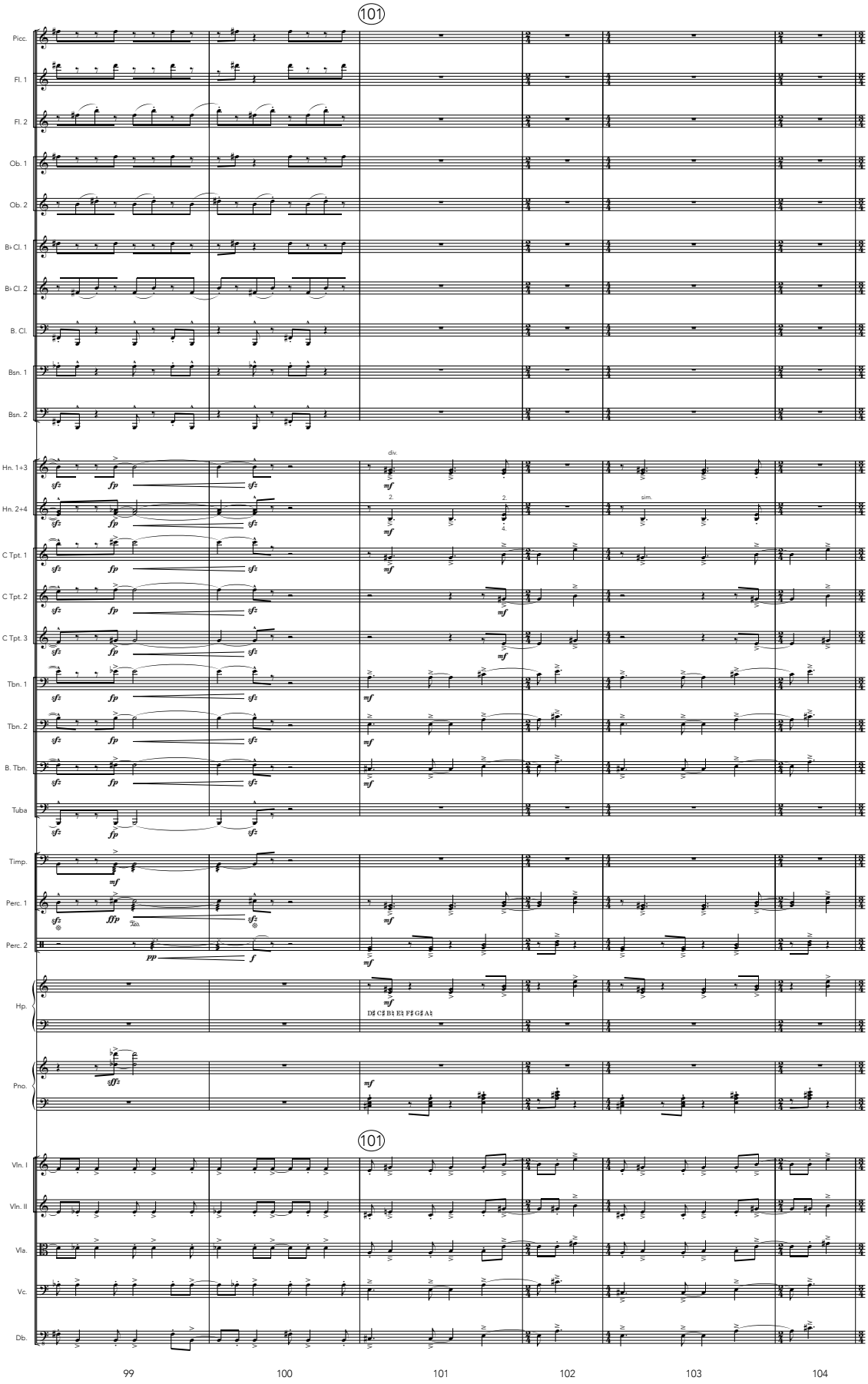

70
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
xylophone
Perc. 2
Hp.
Pno.
70
Vln. I
Vln. II
Vla.
Vc.
Db.
69
70
71
72
73

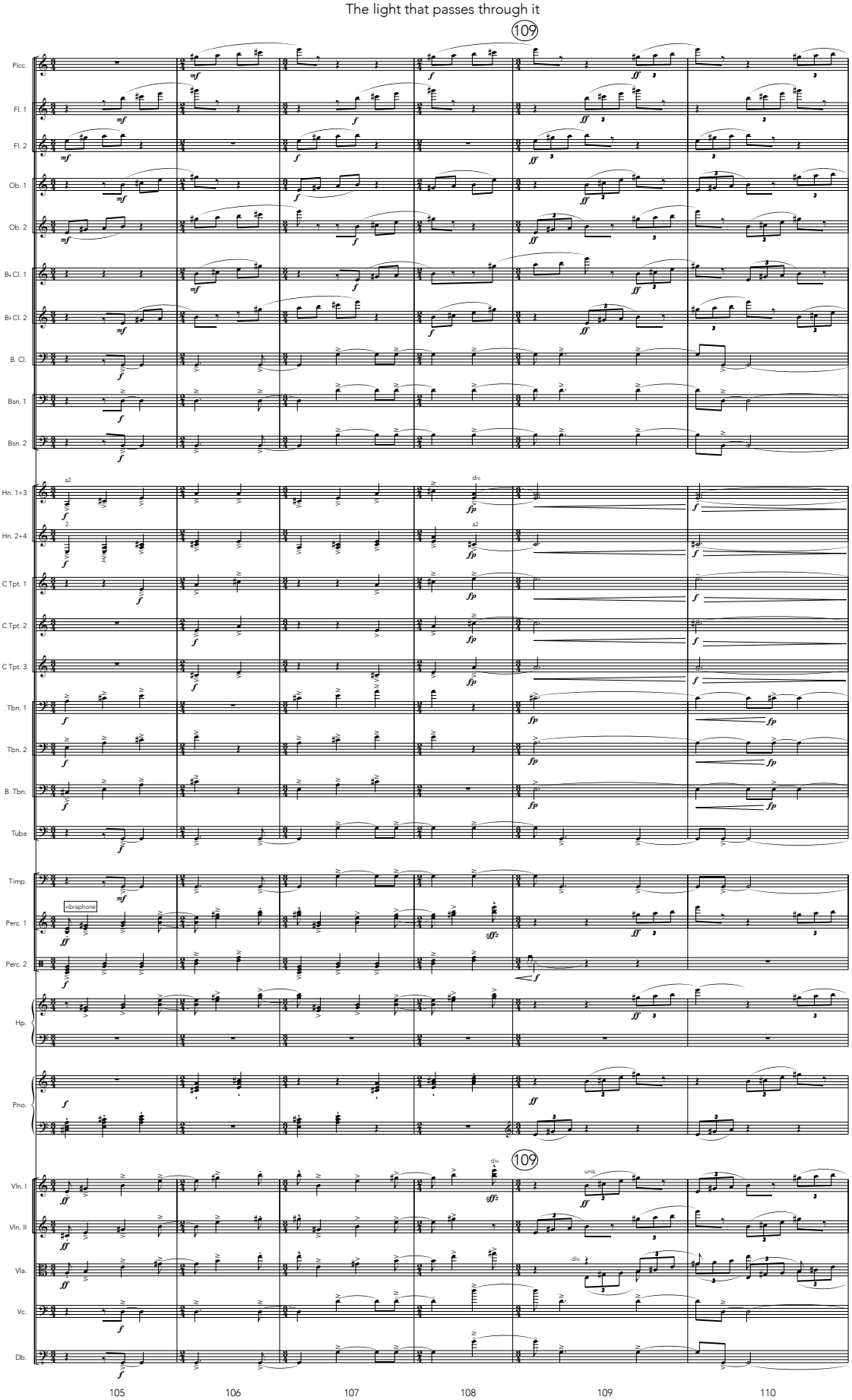

76
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
76
Vln. I
Vln. II
Vla.
Vc.
Db.
74
75
76
77
78

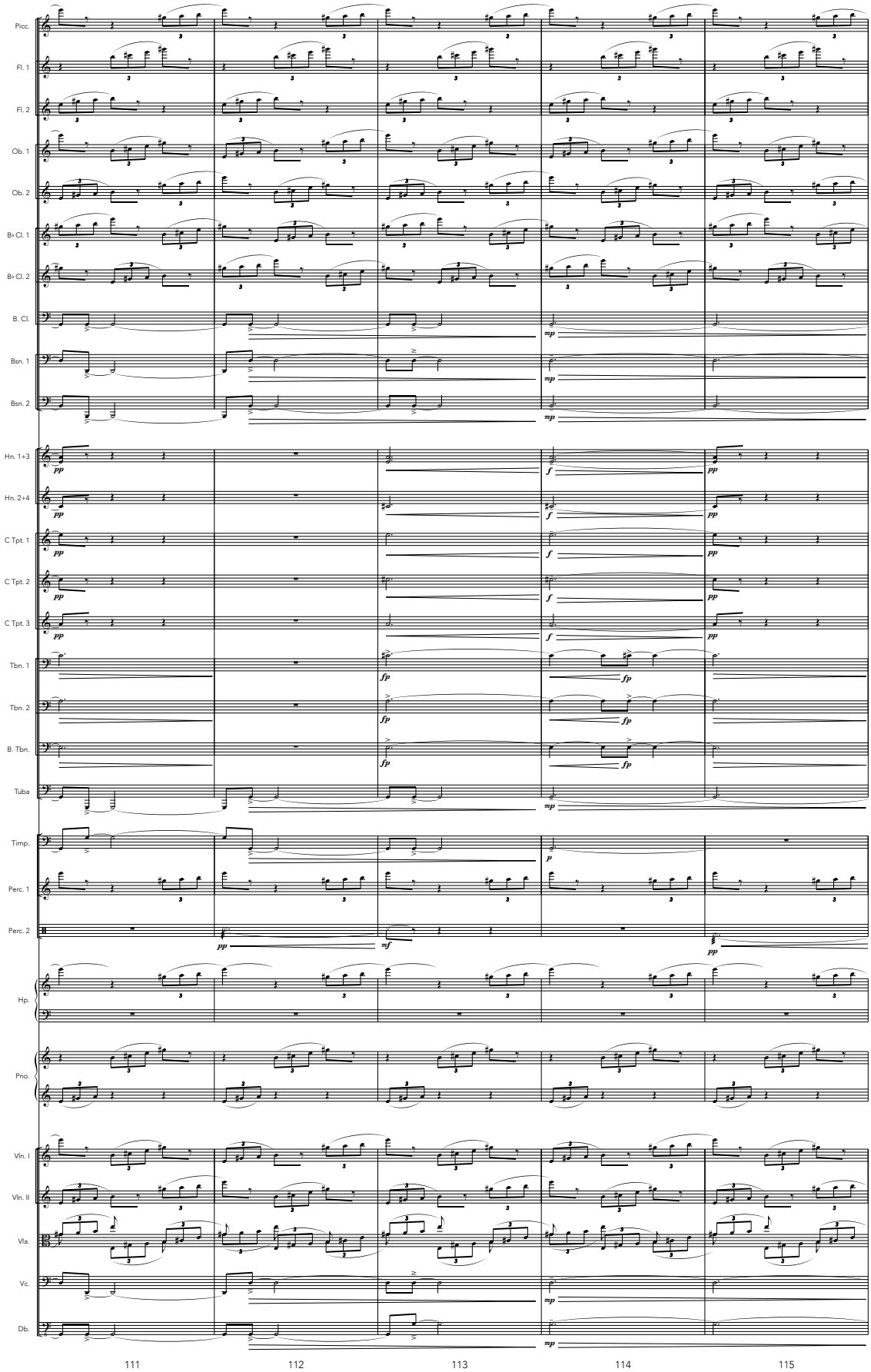

82
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
xylophone
to vibraphone
unis.
very heavily
79
80
81
82
83
84
85

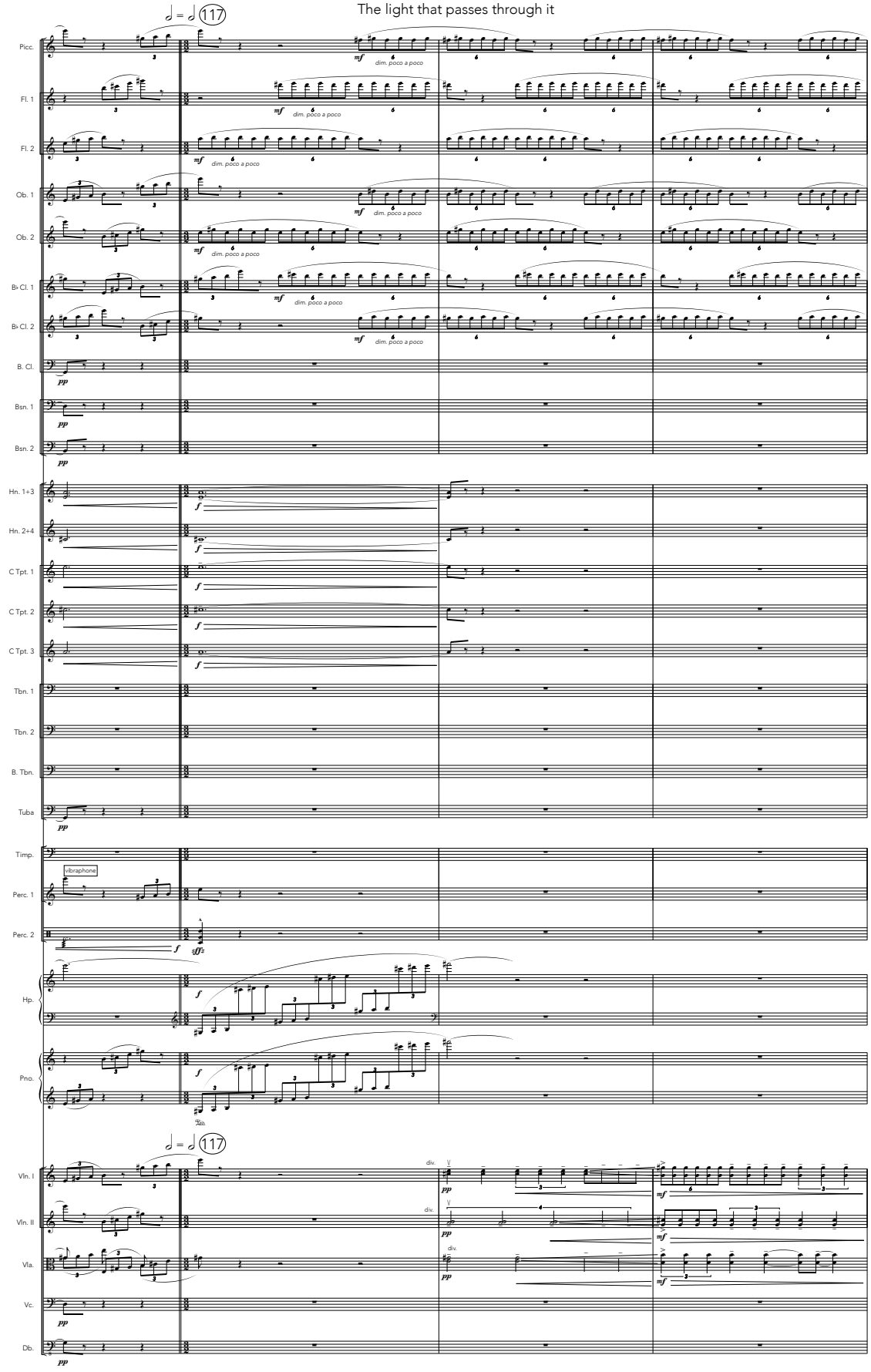

88
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
vibraphone
medium yarn mallets
88
Vln. I
Vln. II
Vla.
Vc.
Db.
86
87
88
89
90
91
92

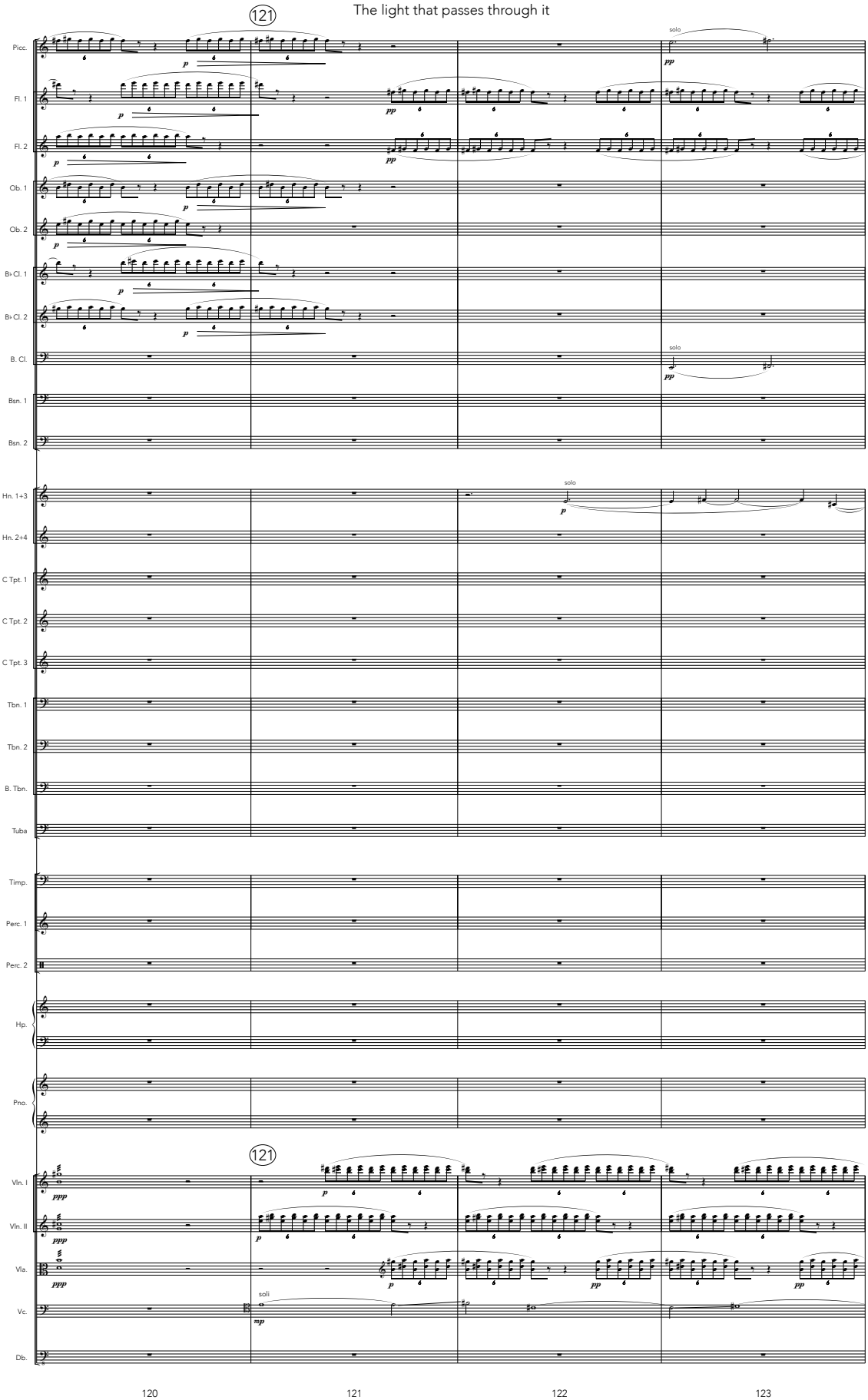

94
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
div.
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
vibraphone
Perc. 1
Perc. 2
Hp.
Pno.
94
Vln. I
Vln. II
Vla.
Vc.
Db.
93
94
95
96
97
98

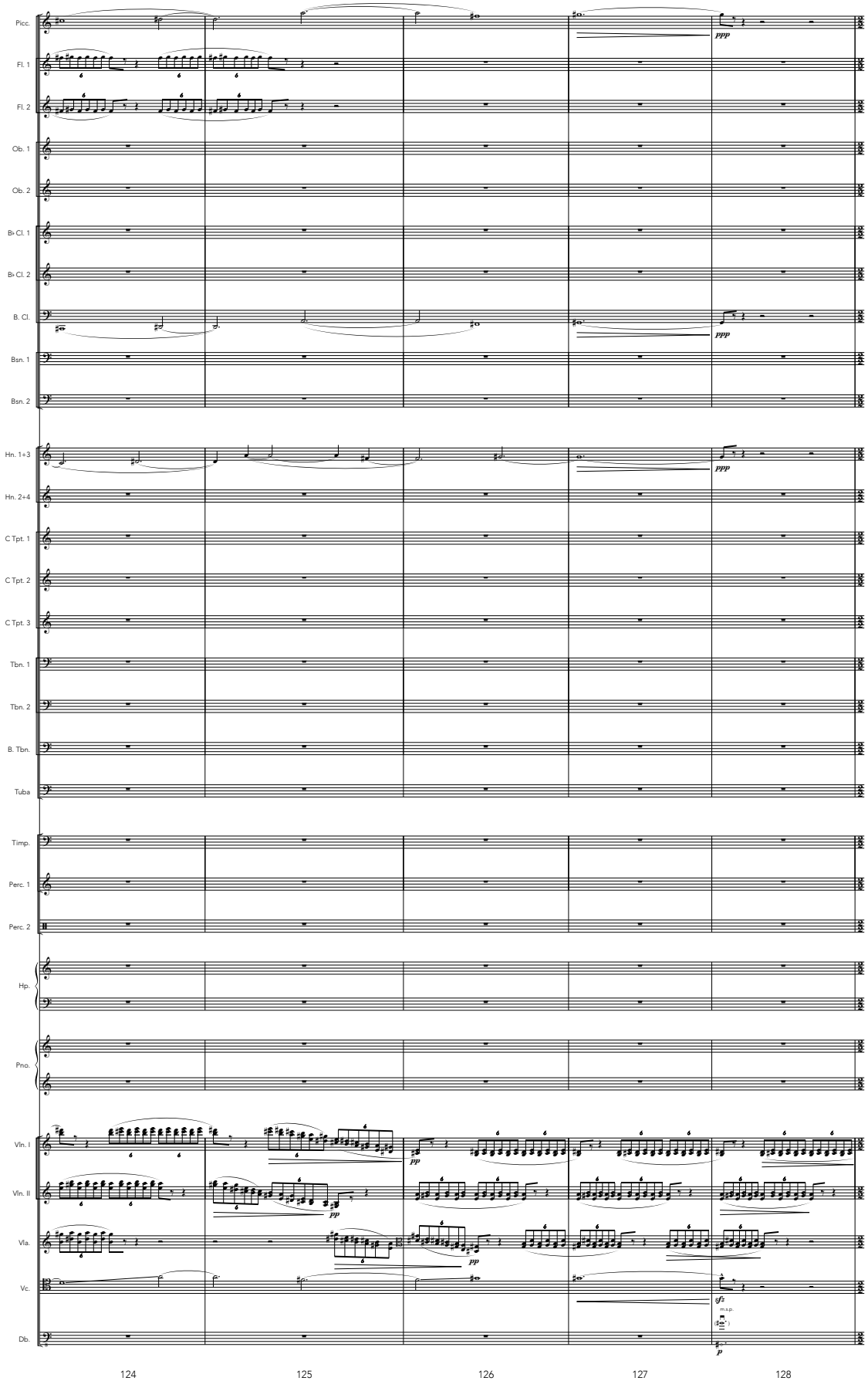

101
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
101
Vln. I
Vln. II
Vla.
Vc.
Db.
div.
sim.
D♯ C♯ B♮ E♮ F♯ G♯ A♮
99
100
101
102
103
104

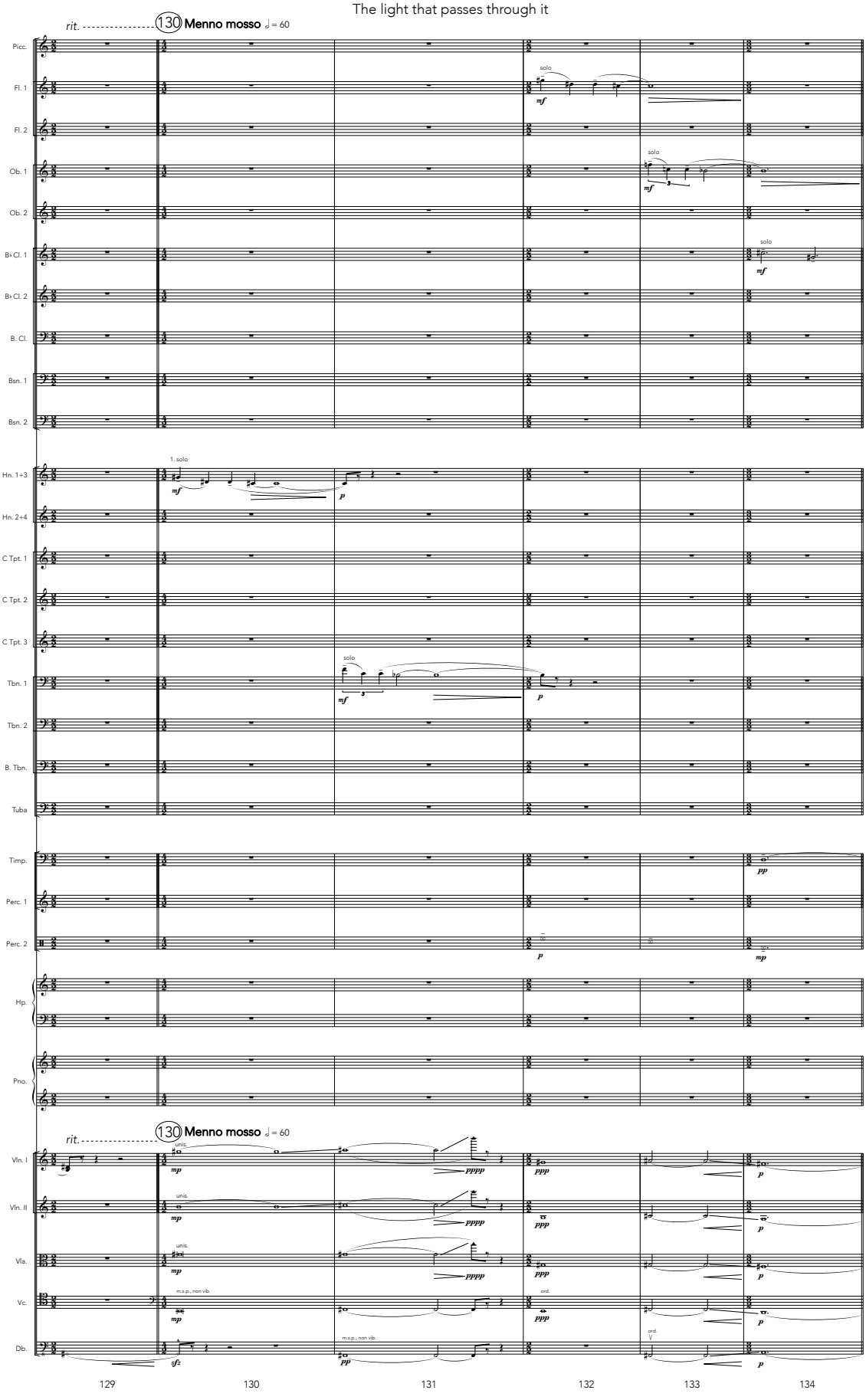

109
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
vibraphone
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
div.
unis.
105
106
107
108
109
110

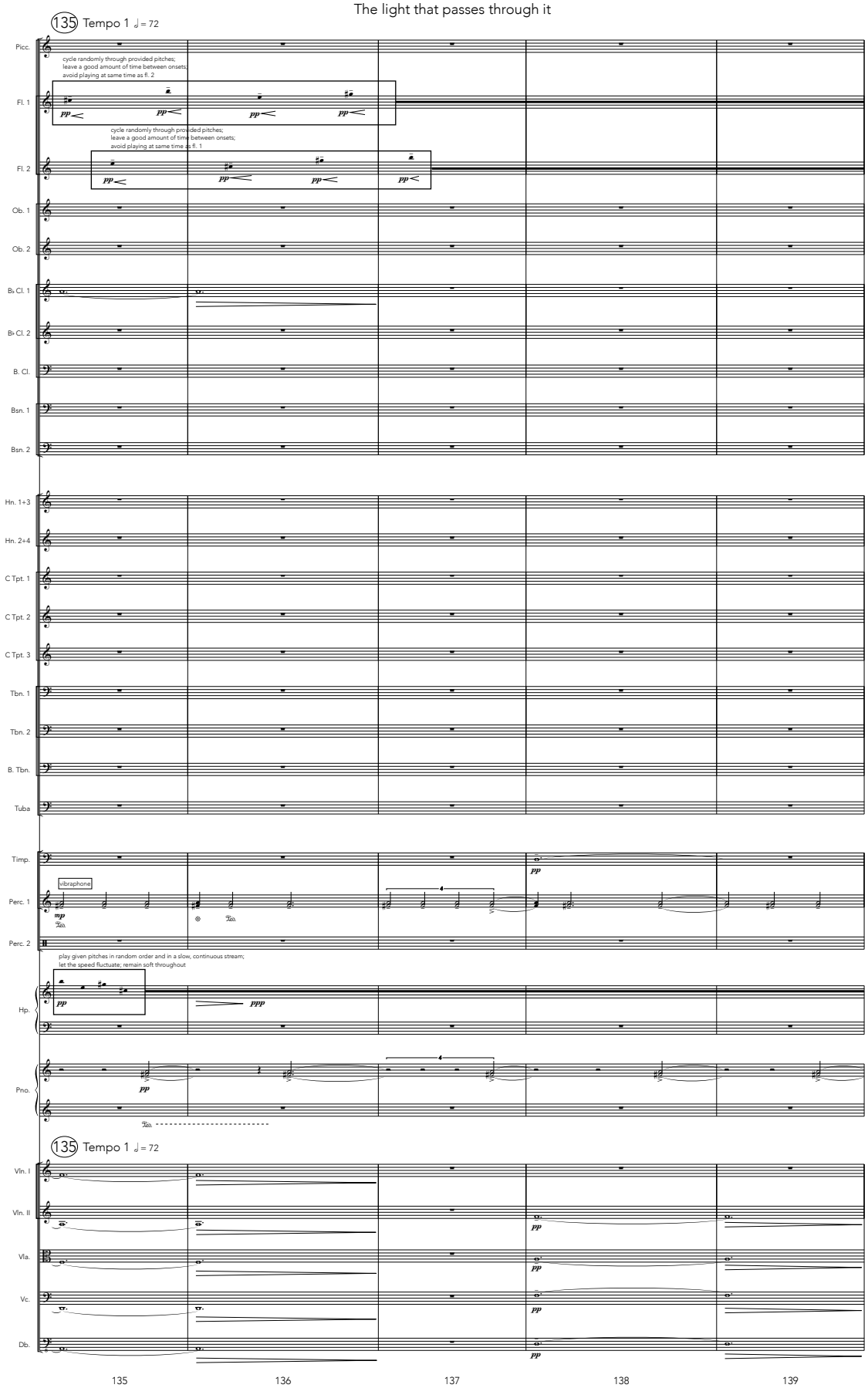

Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
111
112
113
114
115

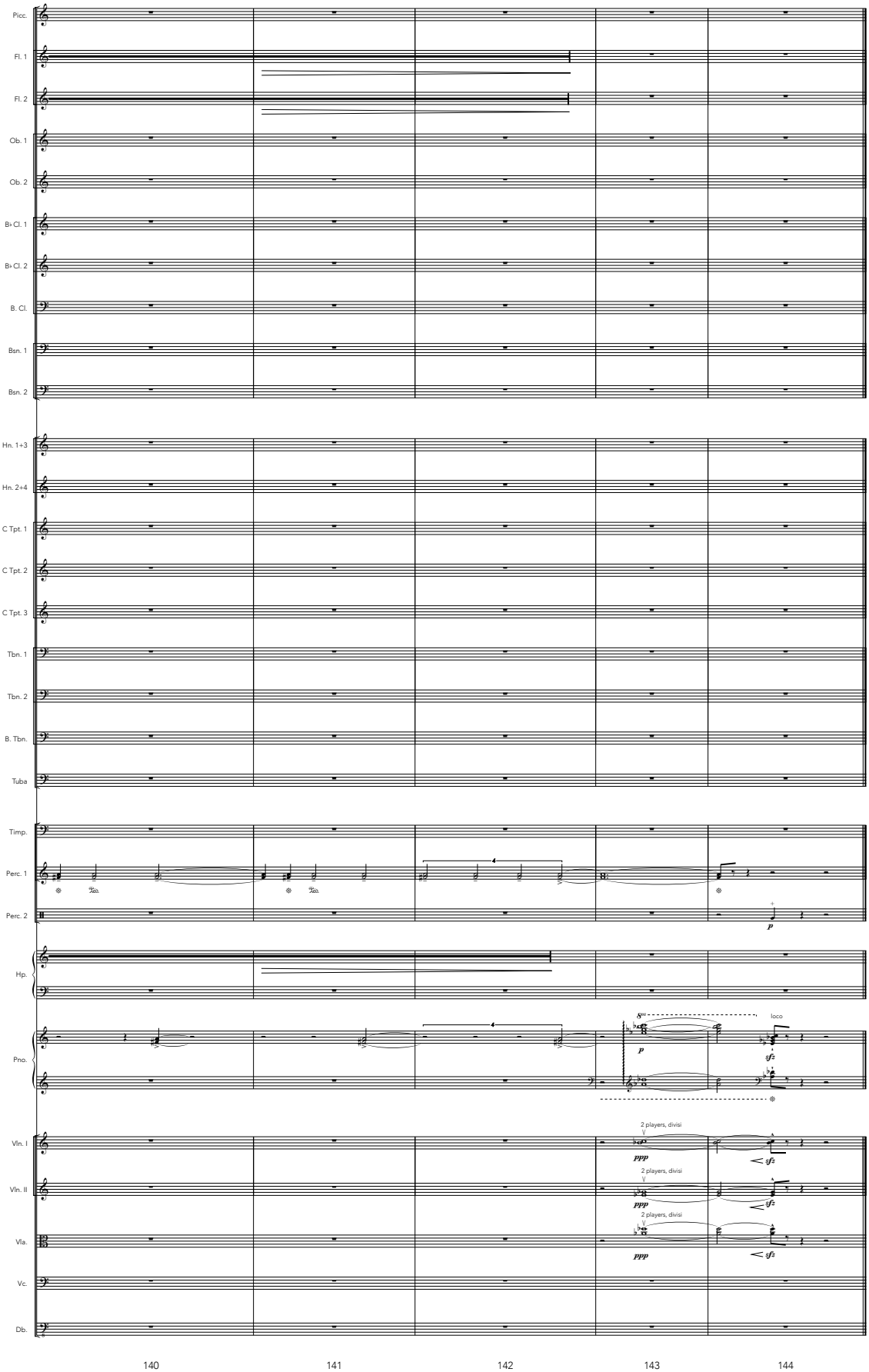

♩ = ♩ 117
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
vibraphone
Perc. 1
Perc. 2
Hp.
Pno.
♩ = ♩ 117
Vln. I
Vln. II
Vla.
Vc.
Db.
mf dim. poco a poco
pp
f
div.
116
117
118
119


121
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
solo
soli
120
121
122
123


Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
ppp
pp
sfz
m.s.p.
p
124
125
126
127
128


rit.
130 Menno mosso ♩ = 60
Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
solo
1. solo
unis.
m.s.p., non vib.
ord.
129
130
131
132
133
134


135 Tempo 1 ♩ = 72
Picc.
cycle randomly through provided pitches;
leave a good amount of time between onsets;
avoid playing at same time as fl. 2
Fl. 1
pp
cycle randomly through provided pitches;
leave a good amount of time between onsets;
avoid playing at same time as fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
vibraphone
mp
Perc. 2
play given pitches in random order and in a slow, continuous stream;
let the speed fluctuate; remain soft throughout
Hp.
ppp
Pno.
135 Tempo 1 ♩ = 72
Vln. I
Vln. II
Vla.
Vc.
Db.
135
136
137
138
139


Picc.
Fl. 1
Fl. 2
Ob. 1
Ob. 2
B♭ Cl. 1
B♭ Cl. 2
B. Cl.
Bsn. 1
Bsn. 2
Hn. 1+3
Hn. 2+4
C Tpt. 1
C Tpt. 2
C Tpt. 3
Tbn. 1
Tbn. 2
B. Tbn.
Tuba
Timp.
Perc. 1
Perc. 2
Hp.
Pno.
Vln. I
Vln. II
Vla.
Vc.
Db.
loco
2 players, divisi
2 players, divisi
2 players, divisi
140
141
142
143
144